OMB #: 2050-0024 Expires: 11/30/2002

United States
Environmental Protection Agency

2001 Hazardous Waste Report

INSTRUCTIONS

AND

FORMS

EPA Form 8700-13A/B (11-00)

PURPOSE OF THE 2001 HAZARDOUS WASTE REPORT

The U.S. Environmental Protection Agency's (EPA) mission to protect human health and the environment includes the responsibility to effectively manage, with the States, the nation's hazardous waste. As part of this task, the EPA and the States collect and maintain information about the generation, management, and final disposition of the nation's hazardous waste regulated by the Resource Conservation and Recovery Act (RCRA).

The EPA prepared this booklet for hazardous waste generators and for facilities that treat, store, or dispose hazardous waste to report their hazardous waste activities for 2001. The information collected will:

- Provide the EPA and the States with an understanding of hazardous waste generation and management in the United States.
- Help the EPA measure the quality of the environment, such as monitoring industry compliance with the regulations and evaluating waste minimization efforts taken by industry.
- Be summarized and communicated to the public, primarily through the 2001 National Biennial RCRA Hazardous Waste Report.

The data you provide will be entered into a computer database by the State or the EPA Regional Office to which you return your Hazardous Waste Report. After review to ensure the quality of the data, a national database will be assembled. Your efforts in carefully filling out the required forms are appreciated.

IMPORTANT

Before completing the 2001 Hazardous Waste Report forms, please carefully read the instructions in this booklet.

IF YOU NEED ASSISTANCE

To obtain assistance in filling out the 2001 Hazardous Waste Report forms, please call the EPA RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-412-9810 in the Washington, D.C., metropolitan area). The Hotline operates Monday through Friday from 9:00 a.m. to 6:00 p.m. (Eastern Standard Time), and is closed on Federal holidays.

In addition to calling the Hotline, you may want to contact your State or Regional Office. Some States' reporting requirements differ from the Federal requirements. See pages 83 through 88 for State and Regional Office addresses, contact names, and telephone numbers.

WHO MUST FILE THE 2001 HAZARDOUS WASTE REPORT

SITES REQUIRED TO FILE THE HAZARDOUS WASTE REPORT

You are required by Federal statute to complete and file the 2001 Hazardous Waste Report if your site:

- Met the definition (see box below) of a RCRA Large Quantity Generator (LQG) during 2001; **AND/OR**
- Treated, stored, or disposed of RCRA hazardous wastes on site during 2001.

If you are required to report, see **WHICH FORMS TO SUBMIT AND WHAT TO REPORT**, on page 4, to determine which forms you must submit.

If you are not required to report, but wish to notify us that your generator status has changed, please fill out the Site Identification Form and submit it to your State or Regional Office. Please see page 9 for instructions on filling out the Site Identification Form and page 83 for a list of State and Regional contacts.

DEFINITION OF A RCRA LARGE QUANTITY GENERATOR

A site is a RCRA Large Quantity Generator (LQG) if, in 2001, the site met **any** of the following criteria:

(a) The site generated, in any single calendar month, 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

(b) The site generated, in any single calendar month, or accumulated at any time, more than 1 kg (2.2 lbs) of RCRA acute hazardous waste; **or**

(c) The site generated, in any single calendar month, or accumulated at any time, more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

Hazardous waste imported from a foreign country in 2001 must be counted in determining your generator status and included in your 2001 Hazardous Waste Report.

SITES THAT SHOULD NOT FILE THE HAZARDOUS WASTE REPORT

Do not file the 2001 Hazardous Waste Report if, during 2001, your site was not a RCRA LQG (your site does not meet any of the criteria in the box above) **AND** did not treat, store, or dispose of RCRA hazardous wastes on site.

Do not file the 2001 Hazardous Waste Report if, during 2001, **all** of your hazardous waste was exported directly out of the country. An Annual Report must be filed in this case, as required under 40 CFR 262.56.

STATE-SPECIFIC REQUIREMENTS

The States may impose reporting requirements above and beyond the Federal requirements. If your State does so, it will attach information to (or delete information from) this booklet. In addition, the States may use a modified version of this report or their own instructions and forms for fulfilling the reporting requirements.

A list of State and Regional contacts, on pages 83 through 88, identifies the States that use modified or State-specific reports. Please contact your State or Regional Office with any questions on State-specific reporting requirements.

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2001 HAZARDOUS WASTE REPORT
TABLE OF CONTENTS

2001 HAZARDOUS WASTE REPORT
TABLE OF CONTENTS (Continued)

INSTRUCTIONS FOR FILING THE 2001 HAZARDOUS WASTE REPORT

INTRODUCTION

The instructions and forms for the 2001 Hazardous Waste Report are prepared by the U.S. Environmental Protection Agency (EPA) for generators and treatment, storage, and disposal facilities (TSDFs) to report their hazardous waste activities for 2001.

AUTHORITY

The authority for the 2001 Hazardous Waste Report is contained in Sections 3002 and 3004 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA). Section 3002 requires hazardous waste generators to report to the EPA or the authorized States, at least every two years, the quantities, nature, and disposition of generated hazardous waste. Under the authority of Section 3004, the EPA requires reporting by treatment, storage, and disposal facilities for the wastes they receive.

OVERVIEW OF THE 2001 HAZARDOUS WASTE REPORT

To determine if you are required to file the Hazardous Waste Report, read **WHO MUST FILE THE 2001 HAZARDOUS WASTE REPORT** on page i.

CHANGES TO THE 2001 HAZARDOUS WASTE REPORT, beginning on this page, summarizes the primary changes that have been made to the 2001 Hazardous Waste Report forms and instructions.

WHICH FORMS TO SUBMIT AND WHAT TO REPORT, on page 4, describes circumstances and situations under which each of the forms should be completed.

FILLING OUT THE FORMS, on pages 5 to 7, provide general guidelines for filling out the Hazardous Waste Report forms, including the telephone number for the RCRA, Superfund & EPCRA Hotline, which you can call with questions on completing the Hazardous Waste Report.

WHEN AND WHERE TO FILE, on page 7, provides the filing date and details the procedures for obtaining an extension of the filing date for your site's Hazardous Waste Report. The address for the State or Region to which you should send the Hazardous Waste Report is specified beginning on page 83.

Detailed instructions for filling out each of the forms begin on page 9. Beginning on page 31, relevant code lists and other reference information are provided including the following: a list of excluded wastes; definitions of key terms; a section on special instructions that explains how to report certain types of wastes (e.g., lab packs, PCBs); lists of codes that are too long to include in the text of instructions (e.g., EPA hazardous waste codes); and a list of State and Regional Office addresses and contact information.

CHANGES TO THE 2001 HAZARDOUS WASTE REPORT

The EPA has made significant modifications to the Hazardous Waste Report for the 2001 collection based on a lengthy study of the information needs of the EPA and State hazardous waste programs. These changes are meant to improve the consistency, accuracy, and reliability of the data, while slightly reducing sites' reporting burden. These modifications include:

- Replacing the Identification and Certification Form (Form IC) with a new form: the Site Identification Form;
- Clarifying the types of hazardous wastes to be reported;
- Streamlining the Hazardous Waste Report's Source, Origin, Form, and System Type codes; and
- Removing Point of Measurement, Standard Industrial Classification (SIC) code, and Off-site Availability data elements from the Hazardous Waste Report.

These modifications to the 2001 Hazardous Waste Report are described further in the following paragraphs and summarized in the table on page 3.

Replacing the Identification and Certification Form (Form IC) with the Site Identification Form. For the 2001 Hazardous Waste Report, the EPA has replaced the 1999 Form IC with the Site Identification (ID) Form. In the past, basic site information (e.g., information on hazardous waste handling activities taking place at RCRA-regulated sites) was collected on three different forms, each with its own instructions and definitions. This sometimes gave regulators conflicting information about the same site, and was burdensome for respondents. Specifically, large quantity generators (LQGs) and treatment, storage and disposal facilities (TSDFs) reported site information for the Hazardous Waste Report (EPA Form 8700-13A/B) on the Form IC. Basic site information was also collected from all RCRA-regulated facilities on the Notification of Regulated Waste Activity form (EPA Form 8700-12). Finally, TSDFs seeking a permit or permit renewal submitted site information on the RCRA Hazardous Waste Part A Permit Application (EPA Form 8700-23).

The new Site ID Form standardizes the RCRA site information that was collected on these three forms. This means that, after you have submitted the Site ID Form once, you can just attach a copy of the previously submitted Site ID Form (with any changes) when site identification information is requested again. Each site required to submit the 2001 Hazardous Waste Report must submit a completed Site ID Form as a component of the Report.

Clarifying the Types of Hazardous Wastes to be Reported. The 2001 Hazardous Waste Report instructions clarify that generators should generally report only the hazardous wastes that count toward the determination of their generator status. This includes wastes that are generated, accumulated, and subsequently managed on site or shipped off site. TSDFs should report hazardous waste received from off site, the management of the hazardous waste while on site, and any shipments of hazardous waste off site.

In addition, sites should not report hazardous waste exports as part of their Hazardous Waste Report submission. (Note that primary exporters of hazardous waste are currently required to file an Annual Report on their exports under 40 CFR 262.56.) Importers of hazardous waste must complete a Waste Generation and Management Form (Form GM) and use the appropriate code to identify that the waste was imported from a foreign country.

Streamlining the Hazardous Waste Report's Source, Origin, Form, and System Type Codes. The Source codes in the 2001 Hazardous Waste Report have been consolidated, regrouped, and merged with the Origin codes. The new Source codes are now mandatory. Origin codes have been eliminated altogether. This new coding scheme reduces the number of codes from 60 to 30 and the number of code groups from seven to six.

In addition, the Form codes have been revised and streamlined. The new coding scheme reduces the number of Form codes from 89 to 47 with seven high-level code groups.

Finally, the EPA has replaced System Type codes with Management Method codes. This new coding scheme reduces the number of codes from 65 to 28 and the high-level code groups from 14 to four. It also eliminates overlap with Form codes.

Removing Point of Measurement, Standard Industrial Classification (SIC) Code, and Off-Site Availability Data Elements from the Hazardous Waste Report. The Point of Measurement data element on the 1999 Form GM consisted of four codes showing whether the waste being reported was mixed with other wastes prior to being measured. We determined that there is no significant need for this information. Additionally, because the Point of Measurement was confusing to respondents, the data were often of questionable quality. Thus, the Point of Measurement was eliminated from Form GM.

In addition, we removed the SIC code from Form GM, since we added the North American Industry Classification System (NAICS) codes (the replacement for the SIC codes) to the Site ID Form. Completion of the NAICS codes on the Site ID Form is mandatory.

The Off-site Availability code on the 1999 Form GM showed whether an off-site facility was a commercially-available TSDF, or if it was only permitted to accept wastes from firms owned by the same company. The EPA did not find any need for this information. Thus, the Off-site Availability code was eliminated from Form GM.

HIGHLIGHTS OF CHANGES TO THE 2001 HAZARDOUS WASTE REPORT

- Replaced the Form IC with the Site ID Form. All sites required to file a 2001 Hazardous Waste Report must submit a Site ID Form as a component of the 2001 Report.
- Clarified that sites generally need only report on Form GM those hazardous wastes that were included in determining their generator status.
- Clarified that sites should not report their hazardous waste exports in their 2001 Hazardous Waste Report submissions. (Primary exporters are already required to submit an Annual Report on their hazardous waste exports under 40 CFR 262.56.)
- Clarified that importers of hazardous waste must submit a Form GM and use the appropriate code to identify that the waste was imported from a foreign country.
- Developed a revised set of Source codes, which are now mandatory on Form GM. Origin codes are no longer reported.
- Developed simplified Form codes.
- Replaced System Type codes with Management Method codes. The new coding scheme eliminates overlap with Form codes and provides a simpler coding structure than System Type codes.
- Eliminated Point of Measurement, SIC code, and Off-site Availability data elements from the Form GM.

INSTRUCTIONS
(Continued)

WHICH FORMS TO SUBMIT AND WHAT TO REPORT

The 2001 Hazardous Waste Report contains the following four forms:

Site ID Form A site required to file the 2001 Hazardous Waste Report must submit the Site ID Form as a component of the Report. Instructions for the Site ID Form begin on page 9.

Form GM A site required to file the 2001 Hazardous Waste Report must submit Form GM for all hazardous waste that was used to determine the site's generator status. Hazardous waste must be reported if it was:

- Generated and accumulated on site and subsequently managed on site or shipped off site in 2001; or
- Generated and accumulated on site in 2001 but not managed on site or shipped off site until after 2001; or
- Generated and accumulated on site prior to 2001 but either managed on site or shipped off site in 2001; or
- Imported from a foreign country in 2001.

Examples of RCRA hazardous wastes to be reported include those that were:

- Generated on site from a production process, service activity, or routine cleanup;
- Generated from equipment decommissioning, spill cleanup, or remedial cleanup activity;
- Shipped off site, including hazardous waste that was received from off site (reported on the Waste Received from Off Site Form (Form WR)) and subsequently shipped off site without being treated or recycled on site;
- Removed from on-site storage;
- Derived from the management of non-hazardous waste; or
- Derived from the on-site treatment (including reclamation), disposal, or recycling of previously existing hazardous waste (as a residual).

Radioactive wastes mixed with RCRA hazardous wastes should also be reported, as well as hazardous wastes regulated only by your State (if required by your State).

DO NOT submit a GM Form for hazardous waste shipped directly to a foreign country.

Instructions for Form GM begin on page 19.

Form WR A site required to file the 2001 Hazardous Waste Report must submit Form WR if, during 2001, it received RCRA hazardous waste from off site and managed the waste on site.

Instructions for Form WR begin on page 27.

Form OI A site must complete Form OI **only if its State requires it**. Instructions for Form OI are on the back of the form.

FILLING OUT THE FORMS

RCRA, SUPERFUND & EPCRA HOTLINE

To obtain assistance in filling out the 2001 Hazardous Waste Report forms, please call the EPA's RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-412-9810 in the Washington, D.C., metropolitan area). The Hotline operates Monday through Friday from 9:00 a.m. to 6:00 p.m. (Eastern Standard Time), and is closed on Federal holidays.

In addition to calling the Hotline, you may want to contact your State or Regional Office. Some States' reporting requirements differ from the Federal requirements. See pages 83 through 88 for State and Regional Office addresses, contact names, telephone numbers, and email addresses. In addition, an updated list of Regional and State contacts can be found at http://www.epa.gov/epaoswer/hazwaste/data/brs01/forms.htm.

COPIES OF HAZARDOUS WASTE REPORT INSTRUCTIONS AND FORMS

Additional copies of 2001 Hazardous Waste Report instructions and forms can be obtained from the contact provided for your State or Region beginning on page 83 of this booklet. If your State uses the EPA's version of the instructions and forms, this information is also available on the Internet through the EPA home page at the following URL (or address): http://www.epa.gov/epaoswer/hazwaste/data/brs01/forms.htm.

DOCUMENTS HELPFUL IN FILLING OUT THE FORMS

To prepare the 2001 Hazardous Waste Report, you should consult your records on quantities and types of hazardous waste that your site generated, managed, shipped, or received in 2001. Some records that may be helpful are:

- Hazardous waste manifest forms;
- Hazardous Waste Report forms submitted in previous years;
- Records of quantities of hazardous waste generated or accumulated on site;
- Results of laboratory analyses of your wastes;
- Contracts or agreements with off-site facilities managing your wastes; and
- Copies of permits for on-site waste management systems.

SITE IDENTIFICATION LABELS

If you received pre-printed site identification labels with your 2001 Hazardous Waste Report instructions and forms booklet, please review the labels to verify that the information is accurate and mark any changes directly on the labels. Attach one label to each form in the Hazardous Waste Report. If you did not receive labels with your booklet, enter the site name and EPA Identification Number on each form in the space provided for the label (i.e., the top left-hand corner of the form). Before making copies of the forms in order to complete them, be sure that you have either attached a pre-printed label to each form or, if you did not receive labels, have entered the site's name and EPA Identification Number in the top left-hand corner of each form.

CODE LISTS

This symbol denotes references to the page numbers of relevant code lists. Please use **only** the codes included in the instructions or in the lists of codes that begin on page 31. Please minimize the use of "Other" and "Unknown" codes. If you do use an "Other" or "Unknown" code, please provide an explanation in the Comments section of the form.

INSTRUCTIONS
(Continued)

SKIP INSTRUCTIONS

This symbol denotes directions to skip to the next appropriate section or box to be completed, given certain responses to some questions.

Notes

This symbol denotes explanatory text or definitions of terms used in the instructions.

RIGHT JUSTIFICATION OF QUANTITIES

Right justify all quantities reported on the forms. For example, enter a quantity of 12,000 tons on the form as follows: | | | | | | 1 | 2 | 0 | 0 | 0 | . | 0 | . Enter a quantity of 29,599.5 tons as follows: | | | | | | 2 | 9 | 5 | 9 | 9 | . | 5 | .

COMMENTS SECTION OF FORMS

Use the Comments section at the bottom of the forms to clarify or continue any entry. For each comment, reference the section number and box letter of the entry that is being continued. For example, if a hazardous waste generated on site has six EPA hazardous waste codes, enter the first five in Section 1, Box B of Form GM. Enter the sixth waste code in the Comments section and cross-reference Section 1, Box B: "Sec. 1, Box B, continued: D001."

PAGE NUMBERING OF FORMS

When you have filled out all the appropriate forms in your Hazardous Waste Report submission, number the pages (each piece of paper is a page) consecutively throughout your submission. **Do not** number each set of forms separately, but rather number each page sequentially. The individual page number and the total number of pages in your submission should appear at the bottom of each page (e.g., Page 1 of 7, Page 2 of 7).

If it is necessary to continue information from one form onto another page, make additional copies of the form and number the additional pages with the same page number as the first page, followed by a letter (e.g., page 27, page 27a; page 28, page 28a, 28b). When continuing information on a supplemental page, enter only the information that is being continued.

PHOTOCOPIES OF FORMS

A single copy of each form is included in this booklet. Photocopy as many forms as you need to complete your Hazardous Waste Report. Make copies **after** you have attached the pre-printed site identification label or entered the site name and EPA Identification Number in the top left-hand corner of the form, but **before** you begin filling out the form.

After you have finished filling out the forms, photocopy the entire Hazardous Waste Report and keep a copy for a period of at least three years from the due date of the report, as required by 40 CFR 262.40(b).

EXAMPLE 2001 HAZARDOUS WASTE REPORT FORMS FOR HYPOTHETICAL SITES

Appendix A provides updated and improved examples of hypothetical sites that illustrate the Hazardous Waste Report forms that each site should submit and how these forms should be completed.

ELECTRONIC REPORTING

The EPA encourages electronic reporting of Hazardous Waste Reports. To obtain instructions on how to file electronically, contact your State or Regional Office. See pages 83 through 88 for a list of State and Regional Office contacts.

CONFIDENTIAL BUSINESS INFORMATION (CBI)

You may **not** withhold information from the Administrator of the EPA because it is confidential. However, when the Administrator is requested to consider information confidential, it must be treated according to the EPA regulations contained in Title 40 of the CFR, Part 2, Subpart B. These regulations provide that a business may, if it desires, assert a claim of business confidentiality covering all or part of the information furnished to the EPA. 40 CFR 2.203(b) explains how to assert a claim.

The EPA will treat information covered by such a claim in accordance with the procedures set forth in Subpart B. If someone requests release of information covered by a claim of confidentiality, or if the EPA otherwise decides to make a determination as to whether such information is entitled to confidential treatment, the EPA will notify the business. The EPA will not disclose information as to when a claim of confidentiality has been made except to the extent of and in accordance with 40 CFR Part 2, Subpart B. However, if the business does not claim confidentiality when it furnishes the information, the EPA may make the information available to the public without notice to the business.

WHEN AND WHERE TO FILE

The 2001 Hazardous Waste Report is due to your State or Regional Office by March 1, 2002. Return your completed Hazardous Waste Report to the address listed for your State or Regional contact beginning on page 83.

If you need more time to fill out the 2001 Hazardous Waste Report, contact your State or Regional Office before February 23, 2002, for specific instructions.

IF YOU NEED ASSISTANCE

To obtain assistance in filling out the 2001 Hazardous Waste Report forms, please call the EPA's RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-418-9810 in the Washington, D.C., metropolitan area). The Hotline operates Monday through Friday from 9:00 a.m. to 6:00 p.m. (Eastern Standard Time), and is closed on Federal holidays.

In addition to calling the Hotline, you may want to contact your State or Regional Office. Some States' reporting requirements differ from the Federal requirements. See pages 83 through 88 for State and Regional Office addresses, contact names, telephone numbers, and email addresses.

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INSTRUCTIONS FOR FILLING OUT THE RCRA SUBTITLE C SITE IDENTIFICATION (SITE ID) FORM

WHO MUST SUBMIT THIS FORM

All sites required to submit any of the following must submit the Site Identification (Site ID) Form:

- Initial notification
- Subsequent notification
- First RCRA Hazardous Waste Part A Permit Application
- Revised RCRA Hazardous Waste Part A Permit Application
- Hazardous Waste Report

Refer to Item 1 below to determine whether you are required to submit this form.

The instructions below explain how to complete the Site ID Form for notifications, Part A permit applications, and the Hazardous Waste Report. Please note that these instructions identify those Site ID Form items that must be completed for the Hazardous Waste Report. See **HOW TO FILL OUT THIS FORM**, below, for the specific Site ID Form items that you **must** complete for the Hazardous Waste Report. Examples of how to complete the form for purposes of submitting the Hazardous Waste Report are provided in Appendix A.

PURPOSE OF THIS FORM

For purposes of the Hazardous Waste Report, the Site ID Form identifies large quantity generators (LQGs) and treatment, storage, and disposal facilities (TSDFs) engaging in hazardous waste generation and management activities for the reporting year. The form is divided into 13 items, nine of which must be completed for the Hazardous Waste Report (see below).

Refer to **CHANGES TO THE 2001 HAZARDOUS WASTE REPORT**, beginning on page 1, for background information on the Site ID Form.

HOW TO FILL OUT THIS FORM

Please fill out all of the following nine Site ID Form items that are required for the Hazardous Waste Report:

- Item 1 - your reason for submitting the form (in this case, as a component of the Hazardous Waste Report). (If you are submitting the form for additional reason(s), you must complete all 13 Site ID Form items.);
- Item 2 - your site's EPA ID number;
- Item 3 - the name of your site;
- Item 4 - the physical location of your site;
- Item 6 - the North American Industry Classification System (NAICS) code(s) for your site;
- Item 7 - the mailing address for your site;
- Item 8 - name and phone number of a contact person at your site;
- Items 10.A.1 and 10.A.3 - your hazardous waste activities at the site that require you to submit a Hazardous Waste Report (i.e., generator status, TSDF, or both); and
- Item 13 - certification that the information you provided throughout the form is truthful, accurate, and complete.

SITE ID FORM
(Continued)

Type or print in black ink all items except the Signature box in Item 13. On the second and third pages of the form, enter your site's EPA ID number in the top right-hand corner. Use the space for Comments in Item 12 to clarify or provide additional information for any entry. When entering information in the Comments section, cross-reference the item number and box letter to which the comment refers. If you must use additional sheets, indicate clearly the number of the item on the Site Identification Form to which the information on the separate sheet applies.

Completed forms should be sent to the appropriate EPA Regional Office or your State Office. A complete listing of EPA Regional and State mailing addresses, contact names, telephone numbers, and email addresses can be found at http://www.epa.gov/epaoswer/hazwaste/data/brs01/forms.htm.

ITEM-BY-ITEM INSTRUCTIONS

Item 1 -- Reason for Submittal:

(This item must be completed for the Hazardous Waste Report. If you are submitting the form for additional reason(s), check the applicable box(es).)

Place an "X" in the appropriate box(es) to indicate whether this form is your initial notification (to obtain an EPA Identification Number); a subsequent notification (to update your site identification information); a component of a First or a Revised RCRA Hazardous Waste Part A Permit Application; or a component of the Hazardous Waste Report.

- **To obtain an EPA Identification Number for hazardous waste, universal waste or used oil activities (Initial notification).** If your waste activity is regulated under Resource Conservation and Recovery Act (RCRA), Subtitle C, and the rules promulgated pursuant to the Act (specifically 40 CFR Parts 260–299), you must submit this form to notify the appropriate EPA Regional or State Office of your regulated waste activities and obtain an EPA Identification Number.

- **To update site identification information (Subsequent notification).** You must use this form to submit a subsequent notification if your site already has an EPA Identification Number and wishes to change information (e.g., status change, new owner, new mailing address, etc.).

- **As a component of a First RCRA Hazardous Waste Part A Permit Application.** If your site is planning to treat, store, or dispose of hazardous waste on site in a unit that is not exempt from obtaining a hazardous waste permit, you must submit this form as part of the Part A permit application. Also, if the activity this site was engaged in (treatment, storage, or disposal) became newly regulated under RCRA Subtitle C, and the rules promulgated pursuant to the Act (specifically 40 CFR Parts 260-299), you must submit this form as part of the Part A permit application.

- **As a component of a Revised RCRA Hazardous Waste Part A Permit Application.** If you must submit a revised Part A permit application to reflect changes that have occurred at your site, you must submit this form as part of your revised Part A permit application. Examples of site changes requiring a revised Part A submission include managing new wastes not identified in the first Part A submission or changes to existing waste treatment processes. When submitting a revised Part A application, please include the Amendment number in the appropriate space.

- **As a component of the Hazardous Waste Report.** If you are required to submit a Report indicating the amount of waste you generate, treat, ship off site, or receive from off site, you must fill out this form. The Site ID Form replaces the EPA Identification and Certification Form (Form IC) for the Hazardous Waste Report.

Item 2 -- Site EPA ID Number:

(This item must be completed for the Hazardous Waste Report.)

Provide your 12-character EPA Identification Number in Item 2 *for this site*. Also, be sure to include your EPA Identification Number at the top of pages 2 and 3 of the form (as well as on any attachments to the Site ID Form).

NOTE: If this is your initial notification *for this site,* leave the EPA Identification Number blank and proceed to Item 3.

Items 3 and 4 -- Site Name and Location:

(These items must be completed for the Hazardous Waste Report.)

Provide the name of your site and a complete location address. Give the public or commercial name of your site (i.e., the full name that commonly appears on invoices, signs, or other business documents). Please note that the address you give for Item 4, Site Location, must be a physical address, *not a post office box or route number.*

NOTE: A new EPA Identification Number is required if you change the location of your site.

Item 5 -- Site Land Type:

Place an "X" in the box that best describes the land type of your site.

NOTE: If the Land Type is **best described** as Indian, County, or District, please use those codes. Otherwise, use Municipal.

Item 6 -- North American Industry Classification System (NAICS) Code(s):

(At a minimum, Box A of this item must be completed for the Hazardous Waste Report. Completing Boxes B-D is not mandatory but is recommended.)

Box A Provide the North American Industry Classification System (NAICS) code that **best** describes the primary products or services provided by your site.

Boxes B - D List other NAICS codes that describe the primary products and services provided by your site.

You can obtain NAICS codes from the following sources:

- NAICS web site at http://www.naics.com,
- Income Tax form 1120 series, or
- Some libraries.

Item 7 -- Site Mailing Address:

(This item must be completed for the Hazardous Waste Report.)

Please enter the Site Mailing Address. If the mailing address and the Location of Site (Item 4) are the same, you can print "Same" in the box for Item 7.

Item 8 -- Site Contact Person:

(This item must be completed for the Hazardous Waste Report.)

Enter the name, business telephone number, and extension of the person who should be contacted regarding the information submitted in the Site ID Form.

NOTE: It is assumed that the Site Contact Person will receive mail at the Site Mailing Address provided in Item 7. If this is not the case, please provide the mailing address for the Site Contact Person in the Comments section in Item 12.

A subsequent notification is recommended when the Site Contact Person changes.

Item 9 -- Legal Owner and Operator of the Site:

This section should be used to indicate all the owners and operators of this site. The Comments section in Item 12 and additional sheets can be used if necessary.

A. **Name of Site's Legal Owner**: Provide the name of your site's legal owner. If an additional owner has been added or a new owner has replaced the previous owner since the site's initial notification, provide information on the new owner(s).

Date Became an Owner: Indicate the date on which the above person or entity became the owner of your site.

Owner Type: Place an "X" in the box that best describes the owner type.

NOTE: If the Owner Type is **best described** as Indian, County, or District, please use those codes. Otherwise, use Municipal.

Use the Comments section in Item 12 to list any additional owners and operators, their names, the dates they became owners and/or operators, owner/operator type, and which owner(s), if any, they replaced. If necessary, attach a separate sheet of paper.

B. **Name of Site's Operator:** Provide the name of your site's operator.

Date Became an Operator: Indicate the date on which the above person became the operator of your site.

Operator Type: Place an "X" in the box that best describes the operator type.

	**NOTE**: If the Operator Type is **best described** as Indian, County, or District, please use those codes. Otherwise, use Municipal.

Use the Comments section in Item 12 to list any additional owners and operators, their names, the dates they became owners and/or operators, owner/operator type, and which owner(s), if any, they replaced. If necessary, attach a separate sheet of paper.

	**NOTE**: A subsequent notification is recommended when the owner or operator of a site changes. Because an EPA Identification Number is site-specific, the new owner will keep the existing EPA Identification Number for that location. If the site moves to another location, the owner or operator must notify the EPA of this change. In this instance, a new EPA Identification Number will be assigned, since the site has changed locations.

Item 10 -- Type of Regulated Waste Activity:

*(Items 10.A.1 and 10.A.3 must be completed for the Hazardous Waste Report to indicate your site's generator status and whether your site is a TSDF at the time of filing this report. If you are currently **not** an LQG and/or a TSDF but are filing because you were an LQG and/or TSDF during the reporting year, indicate this in the Comments section in Item 12. If you checked any reasons in Item 1 in addition to the Hazardous Waste Report, you must complete all of Item 10. In Item 10, a checked box means your site is currently conducting the activity. An unchecked box means your site does not conduct or no longer conducts the activity.)*

A. **Hazardous Waste Activities:** Mark an "X" in the appropriate box(es) to indicate which hazardous waste activities are being conducted **at this site.**

	**NOTE**: Listed below are the Federal generator definitions. However, if the State where your hazardous waste activities occur has definitions different from the Federal definitions, you must use the State definitions.

1. **Generator of Hazardous Waste:** If you generate a hazardous waste that is listed in 40 CFR 261.31 through 261.33 or identified by one or more hazardous waste characteristic(s) contained in 40 CFR 261.21 through 261.24, mark an "X" in the appropriate box for the quantity of non-acutely hazardous waste that is generated per calendar month. The regulations for hazardous waste generators are found in 40 CFR Part 262.

a. LQG: Large Quantity Generator

This site is a Large Quantity Generator if, in 2001, the site meets **any** of the following criteria:

i) Generated, in any calendar month, 1,000 kg (2,200 lbs.) or more of RCRA hazardous waste; **or**

ii) Generated, in any calendar month, or accumulated at any time, more than 1 kg (2.2 lbs.) of RCRA acute hazardous waste; **or**

iii) Generated, in any calendar month, or accumulated at any time, more than 100 kg (220 lbs.) of spill cleanup material contaminated with RCRA acute hazardous waste.

	**NOTE**: If, in addition to being an LQG, you recycle hazardous wastes at your site (without storing the wastes before you recycle them), check both this box **and** Box A.4. below.

b. SQG: Small Quantity Generator

This site is a Small Quantity Generator if, in 2001, the site meets **all** of the following criteria:

i) Generated, in any calendar month, more than 100 kg (220 lbs.) but less than 1,000 kg (2,200 lbs.) of RCRA hazardous waste; **and**

ii) Generated, in any calendar month, or accumulated at any time, no more than 1 kg (2.2 lbs.) of acute hazardous waste **and** no more than 100 kg (220 lbs.) of material from the cleanup of a spill of acute hazardous waste.

OR, the site is a Small Quantity Generator if the site:

i) Met all other criteria for a Conditionally Exempt Small Quantity Generator (see below), but

ii) Accumulated, at any time, more than 1,000 kg (2,200 lbs.) of RCRA hazardous waste.

c. CESQG: Conditionally Exempt Small Quantity Generator

This site is a CESQG if, **in every month** during 2001, the site did **all** of the following:

i) Generated no more than 100 kg (220 lbs.) of RCRA hazardous waste in any calendar month; **and**

ii) Accumulated, at any time, no more than 1,000 kg (2,200 lbs.) of RCRA hazardous waste; **and**

iii) Generated, in any calendar month, or accumulated at any time, no more than 1 kg (2.2 lbs.) of acute hazardous waste, **and** no more than 100 kg (220 lbs.) of material from the cleanup of a spill of acute hazardous waste.

NOTE: If you generate acutely hazardous wastes listed in 40 CFR 261.31, 261.32 or 261.33(e), please refer to 40 CFR 261.5(e) to determine the circumstances under which you must notify the EPA.

In addition, mark an "X" in the appropriate box(es) to indicate other generator activities occurring **at this site**. (Check all boxes that apply.)

d. United States Importer of Hazardous Waste

Mark an "X" in the box if you import hazardous waste from a foreign country into the United States. Refer to 40 CFR 262.60 for additional information.

e. Mixed Waste Generator

Mark an "X" in the box if you are a generator of mixed waste (waste that is both hazardous and radioactive). RCRA defines "mixed waste" as waste that contains both hazardous waste and source, special nuclear, or by-product material subject to the Atomic Energy Act (AEA), RCRA section 1004(41), 42 U.S.C. 6903 (63 FR 17414; April 9, 1998).

2. **Transporter of Hazardous Waste:** Place an "X" in the box if you transport hazardous waste within the United States. The Federal regulations for hazardous waste transporters are found in 40 CFR Part 263.

3. **Treater, Storer, or Disposer of Hazardous Waste:** If you treat, store, or dispose of regulated hazardous waste, place an "X" in this box. (Burning hazardous wastes in boilers and industrial furnaces and storing hazardous wastes before recycling them fall into this category as well.) A hazardous waste permit is required for this activity. You are reminded to contact the appropriate agency for your State to request Part A of the RCRA Permit Application. The Federal regulations for owners or operators of hazardous waste sites are found in 40 CFR Parts 264, 265, 266, and 270.

NOTE: If your site is a destination facility for universal wastes in addition to being a treatment, storage, or disposal facility for other RCRA hazardous wastes, check both this box **and** Box B.2. below.

4. **Recycler of Hazardous Waste:** If you recycle regulated hazardous wastes (recyclable materials), place an "X" in this box. The Federal regulations for owners or operators of sites that recycle hazardous waste are found in 40 CFR 261.6. A hazardous waste permit may be required for this activity. You also may be subject to other Federal and State regulations.

NOTE: If your site, in addition to being a recycling site for hazardous waste, is a treater, storer, or disposer of hazardous waste, check both this box **and** Box A.3. above. If your site is a destination facility for universal wastes in addition to being a recycling site for other RCRA hazardous wastes, check both this box **and** Box B.2. below.

5. **Exempt Boiler and/or Industrial Furnace:**

a. If you burn small quantities of hazardous waste in an on-site boiler or industrial furnace in accordance with the conditions in 40 CFR 266.108, place an "X" in the box to indicate that you qualify for the Small Quantity On-Site Burner Exemption.

b. If you burn hazardous wastes in a smelting, melting, or refining furnace solely for metals recovery, as described in 40 CFR 266.100(c), or to recover economically significant amounts of precious metals, as described in 40 CFR 266.100(f), mark an "X" in the box to indicate that you qualify for the Smelting, Melting and Refining Furnace Exemption.

6. **Underground Injection Control:** If you generate, treat, store, or dispose of hazardous waste and there is an underground injection well located at your site, place an "X" in the box. The Federal regulations for owners or operators of underground injection wells are found in 40 CFR Part 148.

B. **Universal Waste Activities: Refer to your State-specific requirements and definitions for universal waste.** Refer to 40 CFR 261.9 and 40 CFR Part 273 for the Federal regulations covering universal waste.

1. **Large Quantity Handler of Universal Waste (LQHUW):** You are an LQHUW if you accumulate a total of 5,000 kg or more of any universal wastes (calculated collectively) at any time. Mark an "X" in the appropriate box(es) to indicate the type(s) of universal wastes you generate and/or accumulate at your site. If your State has additional universal wastes, indicate what they are and mark an "X" in the corresponding box(es).

2. **Destination Facility:** Mark an "X" in the box if you treat, dispose of, or recycle universal wastes on site. A hazardous waste permit is required if you treat or dispose of universal wastes; a permit may be required if you recycle universal wastes.

	**NOTE**: If your site, in addition to being a destination facility for universal wastes, is also a treatment, storage, or disposal facility for other RCRA hazardous wastes, check both this box **and** Box A.3. above. In addition, if your site recycles other RCRA hazardous wastes, check both this box **and** Box. A.4. above.

C. **Used Oil Activities:** Mark an "X" in the appropriate box(es) to indicate which used oil management activities are taking place **at this site.** The Federal regulations for used oil management are found in 40 CFR Part 279.

1. **Used Oil Transporter:** If you transport used oil and/or own or operate a used oil transfer facility, place an "X" in the appropriate box(es) to indicate this used oil management activity.

2. **Used Oil Processor/Re-Refiner:** If you process and/or re-refine used oil, place an "X" in the appropriate box(es) to indicate this used oil management activity.

3. **Off-Specification Used Oil Burner:** If you burn off-specification used oil fuel, place an "X" in the box to indicate this used oil management activity.

4. **Used Oil Fuel Marketer:** If you market off-specification used oil directly to a burner, mark an "X" in Box 4.a. If you are the first to claim the used oil meets the used oil specification established in 40 CFR 279.11, mark an "X" in Box 4.b. If either of these boxes is marked, you also must notify (or have previously notified) as a used oil transporter, used oil processor/re-refiner, or off-specification used oil fuel burner, unless you are a used oil generator. (Used oil generators are not required to notify.)

	**NOTE**: A subsequent notification is required when the type of regulated waste activity changes.

Item 11 -- Description of Hazardous Wastes:

(Only persons involved in hazardous waste activities need to complete this item. Hazardous waste transporters requesting an EPA Identification Number do not need to complete this item, but must sign the "Certification" in Item 13.)

You will need to refer to 40 CFR Part 261 in order to complete this item. Part 261 identifies those solid wastes which the EPA defines as hazardous and regulates under RCRA. If you need help completing this section, please contact the appropriate State personnel.

A. **Federally Regulated Hazardous Wastes:** If you handle hazardous wastes that are described in 40 CFR Part 261, enter the appropriate 4-digit code(s) in the box(es) provided.

	**NOTE**: If you handle more hazardous wastes than will fit under Item 11.A., please continue listing the hazardous waste codes on an extra sheet. Attach any additional sheets to the Site Identification Form before mailing it to the appropriate EPA Regional or State Office.

B. **State-Regulated Hazardous Wastes:** If you manage State-regulated hazardous wastes that have a waste code, enter the appropriate code(s) in the box(es) provided.

Item 12 -- Comments:

Use this space to provide any additional information and attach additional sheets, if necessary.

	**NOTE**: If you are submitting the form for any reason(s) in addition to "As a component of the Hazardous Waste Report," you must complete Items 10, 11, and 12. In Item 10, a checked box means your site is currently conducting the activity. An unchecked box means your site does not conduct or no longer conducts the activity.

Item 13 -- Certification:

(This item must be completed for the Hazardous Waste Report.)

This certification must be signed by owner(s), operator(s), or authorized representative(s) of the site. An "authorized representative" is a person responsible for the overall operation of the site (i.e., a plant manager or superintendent, or a person of equal responsibility).

	**NOTE**: All Site ID Form submissions must include this certification to be complete.

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INSTRUCTIONS FOR FILLING OUT FORM GM – WASTE GENERATION AND MANAGEMENT

WHO MUST SUBMIT THIS FORM

A site required to file the 2001 Hazardous Waste Report must submit Form GM if the site generated RCRA hazardous waste that, in 2001, was accumulated on site; managed on site in a treatment, storage, or disposal unit; and/or shipped off site for management, consistent with the criteria below. [See **WASTES TO BE REPORTED,** below, for specific instructions on generated RCRA hazardous wastes that should be reported on Form GM. See **WASTES NOT TO BE REPORTED**, below, for any exclusions or exemptions from Form GM reporting requirements under the 2001 Hazardous Waste Report.]

PURPOSE OF THIS FORM

Form GM is for reporting on-site hazardous waste generation and management in 2001. Form GM is divided into three sections that document 1) the source, characteristics, and quantity of hazardous waste generated; 2) the quantity of hazardous waste managed on site along with the Management Method used; and 3) the quantity of hazardous waste shipped off site for treatment, disposal, or recycling along with the off-site Management Method used.

HOW TO FILL OUT THIS FORM

Make and submit a photocopy of Form GM for **each** generated RCRA hazardous waste that should be reported, consistent with the criteria discussed below. Prior to photocopying, place the pre-printed site identification label in the top left-hand corner of the form or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number in this space.

Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the section number and box letter to which the comment refers.

NOTE: Refer to the Special Instructions beginning on page 49 for reporting lab packs, asbestos, PCBs, waste oils, groundwater contaminated by leachate, and RCRA-radioactive mixed wastes.

Examples of how to fill out the form are provided in Appendix A.

WASTES TO BE REPORTED

In general, **each** generated RCRA hazardous waste that is used to determine the site's generator status should be reported on Form GM. [See **WASTES NOT TO BE REPORTED**, below, for any exclusions or exemptions from Form GM reporting requirements under the 2001 Hazardous Waste Report.]

A Form GM must be submitted for **each** generated RCRA hazardous waste at either the waste-generating process level, manifest shipment level, or cumulative waste code level. [See **HOW TO COMBINE AND REPORT SIMILAR WASTES ON ONE FORM GM**, below, for a description of these reporting levels.] Hazardous waste must be reported if it was:

- Generated and accumulated on site and subsequently managed on site or shipped off site in 2001; or
- Generated and accumulated on site in 2001 but not managed on site or shipped off site until after 2001; or

- Generated and accumulated on site prior to 2001 but either managed on site or shipped off site in 2001; or
- Imported from a foreign country in 2001.

Examples of RCRA hazardous wastes to be reported include those that were:

- Generated on site from a production process, service activity, or routine cleanup;
- Generated from equipment decommissioning, spill cleanup, or remedial cleanup activity;
- Shipped off site, including hazardous waste that was received from off site (reported on the Waste Received from Off Site Form (Form WR)) and subsequently shipped off site without being treated or recycled on site;
- Removed from on-site storage;
- Derived from the management of non-hazardous waste; or
- Derived from the on-site treatment (including reclamation), disposal, or recycling of previously existing hazardous waste (as a residual).

Radioactive wastes mixed with RCRA hazardous wastes should also be reported, as well as hazardous wastes regulated only by your State (if required by your State).

WASTES NOT TO BE REPORTED

RCRA hazardous wastes exported directly to a foreign country **should not be reported** on Form GM. Rather, hazardous waste exports should be reported on the Annual Report required under 40 CFR 262.56.

In addition, materials and wastes identified at 40 CFR 261.4(a) and (b) and 261.5(c) **should not be reported** on Form GM. Section 261.4(a) and (b) identify materials and solid wastes that do not qualify as solid or hazardous wastes, respectively. Section 261.5(c) identifies hazardous wastes that should not be included in a site's generator status determination, even if these hazardous wastes were generated at the site.

Following are the materials and wastes addressed under 40 CFR 261.4(a) and (b) and 261.5(c), which **should not be reported** on Form GM:

- Materials which are excluded from being a solid waste, e.g., any mixture of domestic sewage and other wastes that passes through a sewer system to a publicly owned treatment works (unless they are stored or treated in regulated units prior to being discharged). (40 CFR 261.4(a))
- Solid wastes that are excluded from being hazardous waste, e.g., petroleum-contaminated media and debris that fail the test for the toxicity characteristic (Waste Codes D018 through D043 only) and are subject to the corrective action regulations under 40 CFR Part 280. (40 CFR 261.4(b))
- Waste exempt from regulation because the waste has not exited the raw material storage or production unit yet, as specified in 261.4(c). (40 CFR 261.5(c)(1))
- Hazardous waste that has been collected as a sample(s) for the purpose of determining its characteristic or composition, as specified in 261.4(d). (40 CFR 261.5(c)(1))
- Sample(s) undergoing treatability studies, as specified in 261.4(e). (40 CFR 261.5(c)(1))

- Sample(s) undergoing treatability studies at the laboratory or testing facility, as specified in 261.4(f). (40 CFR 261.5(c)(1))

- Hazardous waste that is a specified recyclable material such as ethyl alcohol or scrap metal, as specified in 261.6(a)(3). (40 CFR 261.5(c)(1))

- A residue of hazardous waste in an empty container or in an inner liner removed from an empty container, as specified in 261.7(a)(1). (40 CFR 261.5(c)(1))

- PCB wastes regulated under the Toxic Substance Control Act, as specified in 261.8, unless mixed with a hazardous waste. (40 CFR 261.5(c)(1))

- Wastes managed immediately upon generation only in on-site elementary neutralization units, wastewater treatment units, or totally enclosed treatment facilities as defined in 40 CFR 260.10. (40 CFR 261.5(c)(2)) **Any hazardous waste residues generated from these units, however, must be reported on Form GM**.

- Wastes recycled, without prior storage, only in an on-site process subject to regulation under 40 CFR 261.6(c)(2). (40 CFR 261.5(c)(3))

- Used oil that is recycled and is also a hazardous waste solely because it exhibits a hazardous waste characteristic and is managed under 40 CFR Part 279. (40 CFR 261.5(c)(4))

- Spent lead-acid batteries managed under the requirements of 40 CFR Part 266, Subpart G, which includes persons who reclaim spent lead-acid batteries that are recyclable materials; persons who generate, transport, or collect spent batteries; persons who regenerate spent batteries; or persons who store them (other than spent batteries that are to be regenerated). (40 CFR 261.5(c)(5)) **Any hazardous wastes generated during battery reclamation, however, must be reported on Form GM.**

- Universal wastes managed under 40 CFR 261.9 and 40 CFR Part 273. (40 CFR 261.5(c)(6))

HOW TO COMBINE AND REPORT SIMILAR WASTES ON ONE FORM GM

A Form GM should be completed for **each** generated RCRA hazardous waste at either the waste-generating process level, manifest shipment level, or cumulative waste code level. Each of these levels defines how similar hazardous wastes may be combined and reported on one Form GM. When completing a Form GM at the:

- **Waste-Generating Process Level**, a site may combine one or more RCRA hazardous wastes at the point where the wastes are generated (i.e., hazardous wastes with the same Source code), including process wastes and treatment residues.

- **Manifest Shipment Level**, a site may combine one or more RCRA hazardous wastes shipped off site under the same hazardous waste manifest (i.e., hazardous wastes with one or more Source code(s) that may be aggregated and shipped together).

- **Cumulative Waste Code Level**, a site may combine each distinct RCRA hazardous waste (i.e., hazardous waste streams with the same hazardous waste code or the same group of hazardous waste codes with one or more Source code(s)) generated across the entire site.

FORM GM
(Continued)

When combining and reporting similar hazardous wastes on one Form GM, please report the predominant Source code (i.e., the Source code representing the majority of the waste (by volume or weight) being combined and reported on one Form GM) in Section 1, Box D.

NOTE: Individual States may have preferences for reporting at the waste-generating process level, manifest shipment level, or cumulative waste code level. Please contact your State if you are unsure how to combine and report similar hazardous wastes on one Form GM.

ITEM-BY-ITEM INSTRUCTIONS

Section 1: **Waste Characteristics**
Section 1 requests information on each RCRA hazardous waste that, in 2001, was generated and accumulated on site; managed on site; and/or shipped off site.

Boxes B, D, F (if applicable), G, and H must be filled out. The remaining boxes request non-mandatory information.

Box A: Waste description
Provide a short narrative description of the waste, such as:

- General type;
- Source;
- Type of hazard; and
- Generic chemical name or primary hazardous constituents.

Example: "Ignitable spent solvent from degreasing operation in tool production; mixture of mineral spirits and kerosene."

In the example, note that the general type (spent solvent), source (degreasing operation in tool production), type of hazard (ignitability), and generic chemical names (mineral spirits and kerosene) have all been cited.

Box B: EPA hazardous waste code
Enter the four-character EPA hazardous waste code(s) that applies to the waste reported in Box A. EPA hazardous waste codes are listed beginning on page 53. If you need room for additional codes, list the codes in the Comments section and cross-reference Section 1, Box B. If fewer than five EPA hazardous waste codes are applicable, enter "NA" in the remaining spaces. If the waste is regulated only by your State, enter "NA" in Box B and report the State hazardous waste codes in Box C.

EPA Hazardous Waste Codes, page 53.

Box C: State hazardous waste code
Enter the State hazardous waste code(s) that applies to the waste reported in Box A, if:

- Your State regulates hazardous wastes not regulated as RCRA hazardous wastes, and requires these wastes to be reported in the 2001 Hazardous Waste Report; or
- Your State uses a hazardous waste code system **other** than the EPA hazardous waste codes listed on pages 53 through 76 of this booklet that applies to the waste described in Box A.

Otherwise, leave Box C blank. If you need space for additional State hazardous waste codes, list the codes in the Comments section and cross-reference Section 1, Box C.

Box D: Source and Management Method code
Enter the Source code that best describes how the hazardous waste reported in Box A originated. If the hazardous waste was mixed with other non-hazardous materials, report the Source code for only the hazardous waste portion.

Source codes, page 77. For the 2001 Hazardous Waste Report, the Source codes were consolidated, regrouped and merged with the previous Origin codes to provide a simpler coding structure. Origin codes have been eliminated altogether since they are implied by the Source code.

For Source code G25, you also need to provide the Management Method code. Source code G25 indicates that this waste was generated from a hazardous waste management system described on a separate Form GM or Form WR. Enter the same Management Method code that is listed on the matching Form GM - Section 2, or on the matching Form WR - Box I, linking this waste with the on-site process that created it.

Provide the Management Method code, if you selected Source code G25.

Box E: Form code
Review the Form codes beginning on page 79 and enter the code that best corresponds to the physical form or chemical composition of the hazardous waste reported in Box A. Note: The Form codes have been revised to provide a simpler coding structure.

Form codes, page 79.

Box F: RCRA radioactive mixed
Check the box if this waste was radioactive mixed waste.

NOTE: If source, special nuclear, or by-product material (see Definitions section beginning on page 39) as defined by the Atomic Energy Act of 1954, as amended, is mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 2001 Hazardous Waste Report.

Box G: Quantity generated in 2001
Enter the total quantity of the hazardous waste described in Box A that was generated during 2001. Right justify the quantity entry. Report the UOM and density for this quantity in Box H.

Box H: UOM and Density
Enter the unit of measure (UOM) code for the quantity you reported in Box G. Report the quantity in one of the units of measure listed below. ***If you select a volumetric measure (gallons, liters, or cubic yards), you must also report the density of the waste***.

Code	Unit of Measure
1	Pounds
2	Short tons (2,000 pounds)
3	Kilograms
4	Metric tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic yards

Weight and Volume Conversions

1 kilogram (kg)	= 2.2046 pounds (lb)
1 short ton	= 2,000 lb
1 metric tonne	= 1,000 kg
1 metric tonne	= 1.1023 short tons
1 cubic meter (m)	= 1.3079 cubic yards
1 cubic yard (yd)	= 27 cubic feet (ft)
1 liter (l)	= 0.2642 gallons (gal)

Skip to Section 2 if you selected code 1, 2, 3, or 4.
Continue to Density if you selected code 5, 6, or 7.

Density
Report the density only if you entered code 5, 6, or 7 for the unit of measure. Provide the density in either pounds per gallon (lbs/gal) or specific gravity (sg) and check the appropriate box to indicate which measure was used.

Section 2: **On-site Generation and Management of Hazardous Waste During 2001**
This section is mandatory. For each on-site RCRA-regulated management system, you must report the Management Method and quantity treated, disposed, or recycled on site during 2001.

Was any of this waste managed on site?
Check "Yes" or "No" to indicate if the site did any of the following to the waste reported in Box A: treat on site; dispose on site; recycle on site. If you checked "Yes," complete the blocks for On-site Process Systems below. Check "No" if you entered G62 in Section 1, Box D - Source code, to indicate hazardous waste received from a foreign country.

Skip to Section 3 if you checked "No."
Continue to On-site Process System 1 if you checked "Yes."

On-site Process Systems 1 and 2:

On-site Management Method
Classify the process system (see definition on page 43) with a Management Method code that best identifies the final substantive purpose/operation it performs. Space is provided to report up to two different Management Methods. If you did not use a second on-site process system to manage the waste, enter "NA" in the space for reporting the Management Method code under On-site Process System 2.

Management Method codes, page 81.

The space provided for the second on-site process system should be used **only in the special case** of management of the same waste on site by more than one process system during 2001. Use the second on-site process system only when:

- A waste is managed in one process system for part of a year and in another process system for the rest of the year; or
- A waste is managed by two different process systems at the same time (i.e., management of the waste is split between parallel process systems).

If more than two on-site process systems meet one of the above conditions, you need not complete the entire form again. Simply attach a second copy of Form GM, leaving blank all entries except Section 2 for on-site process systems. Note in the Comments section of each page: "Sec. 2, on-site process system type continued on supplemental page." (Refer to page 6 for instructions on page numbering of supplemental pages.)

The space provided for the second on-site process system **should not** be used to report the following:

- The on-site management of the treatment residual generated from management of the waste by the first Management Method (on-site management of treatment residuals should be reported on a separate Form GM); or
- To report treatment in a series of process units (see definition on page 43). Report only process systems, not process units.

Quantity treated, disposed, or recycled on site in 2001
Enter the quantity of hazardous waste described in Section 1 that was treated, disposed, or recycled by the reported on-site process management method during 2001. ***Enter the quantity in the same unit of measure reported in Section 1, Box H***.

Example: A firm generated 100 tons of F002 solvent waste in 2001. Eighty (80) tons were recycled for reuse in a batch distillation process system, generating 5 tons of still bottoms. The remaining 20 tons were burned in an industrial boiler.

Under On-site Process System 1, the site enters the Management Method code for distillation (H020) and a quantity of 80 tons. Under On-site Process System 2, the site enters the Management Method code for energy recovery of liquids (H050) and a quantity of 20 tons. The 5 tons of still bottoms should be reported on a separate Form GM.

Section 3: **Off-site Shipment of Hazardous Waste**
This section requests information on the off-site shipment of hazardous waste. Boxes B and D are mandatory for such off-site shipment. The remaining boxes request non-mandatory information. **Do** report shipments of previously generated hazardous wastes stored until 2001. **Do** report waste shipped via transfer facility. **Do not** report shipments of decharacterized wastes.

Space is provided to report shipments of the waste to three different off-site facilities. If the waste you reported in Section 1 was shipped to more than three off-site facilities during 2001, you need not complete the entire form again. Simply attach a second copy of Form GM, leaving blank all entries except Section 3, Boxes B, C, and D. Note in the Comments section of each page: "Sec. 3, Box B continued on supplemental page." (Refer to page 6 for instructions on page numbering of supplemental pages.)

FORM GM
(Continued)

Box A: Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling?
Check "Yes" or "No" to indicate if any of the waste described in Section 1 was shipped off site for treatment, disposal, or recycling during 2001. *While responding to Box A is not mandatory, providing certain information for waste shipped off site is required.*

This Form GM is complete if you checked "No" in Box A.
Continue to Box B if you checked "Yes" in Box A.

Box B: EPA ID No. of facility to which waste was shipped
Enter the 12-digit EPA Identification Number of the facility to which the waste was shipped. DO NOT create a GM Form for hazardous waste shipped directly to a foreign country from this site. You must complete an Annual Report as required under 40 CFR 262.56, no later than March 1 of each year.

Box C: Off-site Management Method code shipped to
Review the Management Method codes beginning on page 81. Enter the Management Method code that best describes the way in which the waste was managed at the initial receiving facility reported in Box B.

Management Method codes, page 81.

Box D: Total quantity shipped in 2001
Enter the total quantity of the waste shipped to the off-site facility during 2001. ***Report the quantity in the same unit of measure entered in Section 1, Box H***. Shipment quantities should equal the total quantity recorded on Uniform Hazardous Waste Manifests for this site during 2001, unless there were rejections or other complications. The quantity shipped may not necessarily equal the quantity generated (e.g., because some waste is accumulated on site).

INSTRUCTIONS FOR FILLING OUT FORM WR – WASTE RECEIVED FROM OFF SITE

WHO MUST SUBMIT THIS FORM

A site required to file the 2001 Hazardous Waste Report must submit this form if, during 2001, it received RCRA hazardous waste from off site.

Examples of how to fill out the form are provided in Appendix A.

PURPOSE OF THIS FORM

Form WR identifies hazardous wastes that were received from other hazardous waste sites and the method(s) used to manage them. Form WR is divided into three identical parts (i.e., waste blocks), labeled Waste 1, Waste 2, and Waste 3, that collect information on the quantities and characteristics of each hazardous waste received from an off-site source during 2001 and managed on site.

HOW TO FILL OUT THIS FORM

You may report waste received from more than one off-site handler on the same page of the form. A separate waste block must be filled out for each hazardous waste received from each off-site handler. Hazardous waste from the same off-site handler may be aggregated as long as a single Form code describes the physical form or chemical composition, and all of the waste is managed in a single process system (i.e., same Management Method code).

If your site received more than three RCRA hazardous wastes from off-site handlers during 2001, photocopy and fill out additional copies of this form. Prior to photocopying, place the pre-printed site identification label in the top left-hand corner of the form or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number in the space provided.

Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the waste block and box letter to which the comment refers.

ITEM-BY-ITEM INSTRUCTIONS

For each waste reported, Boxes B, D, E, F, and I must be filled out, along with Box H, if applicable.

Box A: Description of hazardous waste

Provide a short narrative description of the waste, such as:

- General type;
- Source;
- Type of hazard; and
- Generic chemical name or primary hazardous constituents.

Example: "Ignitable spent solvent used as a degreaser in tool production; mixture of mineral spirits and kerosene."

In the example, note that the general type (spent solvent), source (degreaser in tool production), type of hazard (ignitability), and generic chemical names (mineral spirits and kerosene) have all been cited.

Box B: EPA hazardous waste code
Enter the EPA hazardous waste code(s) that applies to the waste reported in Box A. If you need room for additional codes, list the codes in the Comments section and cross-reference the applicable waste block number (e.g., Waste 1) and Box B. If fewer than four EPA hazardous waste codes are applicable, enter "NA" in the remaining spaces. If the waste is regulated only by your State, enter "NA" in Box B and report the State hazardous waste codes in Box C.

EPA Hazardous Waste Codes, page 53.

Box C: State hazardous waste code
Enter the State hazardous waste code(s) that applies to the waste reported in Box A, if:

- Your State regulates hazardous wastes not regulated as RCRA hazardous wastes, and requires these wastes to be reported in the 2001 Hazardous Waste Report; or
- Your State uses a hazardous waste code system **other** than the EPA hazardous waste codes listed on pages 53 through 76 of this booklet that applies to the waste described in Box A.

Otherwise, leave Box C blank. If you need space for additional State hazardous waste codes, list the codes in the Comments section and cross-reference the applicable waste block number (e.g., Waste 1) and Box C.

Box D: Off-site handler EPA ID number
Enter the 12-digit EPA Identification Number of the off-site handler from which the waste was received. If the site does not have an EPA Identification Number, it may be a CESQG or foreign country. Refer to the Special Instructions in this booklet for instructions on how to complete Box D for these off-site handlers.

If the waste reported under Waste 2 is received from the same off-site handler as the waste reported under Waste 1, check the box to indicate that the EPA ID number is the same as the one reported in Waste 1; if Waste 3 is received from the same off-site handler as Waste 2, check the box to indicate that the EPA ID number is the same as the one reported under Waste 2.

NOTE: Refer to the Special Instructions beginning on page 49 for reporting wastes received from CESQGs and from foreign countries.

Box E: Quantity received in 2001
Report the total quantity of the hazardous waste reported in Box A that was received from the off-site handler reported in Box D during 2001. If more than one shipment of this waste was received from the same off-site handler, add the quantities and report only the sum. Report the unit of measure and density in Box F.

Box F: UOM and Density
Enter the unit of measure (UOM) code for the quantity you reported in Box E. Report quantities in one of the units of measure listed below. ***If you select a volumetric measure (gallons, liters, or cubic yards), you must also report the density of the waste.***

Code	Unit of Measure
1	Pounds
2	Short tons (2,000 pounds)
3	Kilograms
4	Metric tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic yards

Skip to Box G if you entered code 1, 2, 3, or 4.
Continue to Density if you entered code 5, 6, or 7.

Density
Complete density only if you entered code 5, 6, or 7 as a unit of measure. Provide the density in either pounds per gallon (lbs/gal) or specific gravity (sg) and check the appropriate box to indicate which measure was used.

Box G: Form code
Review the Form codes beginning on page 79 and enter the code that best corresponds to the physical form or chemical composition of the hazardous waste reported in Box A. Note: The Form codes have been revised to provide a simpler coding structure.

Form codes, page 79.

Box H: RCRA-radioactive mixed
Check the box if this waste was radioactive mixed waste.

NOTE: If source, special nuclear, or by-product material (see Definitions section beginning on page 39) as defined by the Atomic Energy Act of 1954, as amended, is mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 2001 Hazardous Waste Report.

Box I: Management Method code
Enter the code that describes the type of process system (see definition on page 43) in which the waste was managed.

Management Method codes, page 81.

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2001 Hazardous Waste Report

CODE LISTS

AND

OTHER REFERENCE

INFORMATION

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EXCLUDED WASTES

This section presents a partial list of excluded materials and wastes. This list includes materials excluded from the definition of solid waste in 40 CFR 261.4(a) and solid wastes excluded from the definition of hazardous waste in 40 CFR 261.4(b). In addition, it also includes specific solid waste samples that are excluded from the definition of hazardous waste in 40 CFR 261.4(d)-(f). Finally, this list includes specific hazardous wastes, as described in 40 CFR 261.4(c), that are exempted from certain RCRA Subtitle C regulations.

Waste Category	Waste Description
Agricultural Waste Fertilizer §261.4(b)(2)	Solid waste generated from growing and harvesting of agriculture crops or raising of animals (including production of manure), where the waste is returned to the soil as a fertilizer.
Analytical Samples §261.4(d)	Samples of solid waste, water, soil , or air that are collected for the sole purpose of testing to determine its characteristics or composition are not subject to select parts of RCRA (Parts 261, 262–268, 270, 124, and the Section 3010 notification requirements) provided the sample is transported and stored in a manner consistent with §261.4(d)
Arsenic Treated Wood and Wood Products §261.4(b)(9)	Solid waste consisting of discarded arsenical-treated wood or wood products that fail the Toxicity Characteristic for EPA hazardous waste codes D004 through D017, are not considered hazardous for any other reason, and are generated by persons who utilize the arsenical-treated wood and wood products for the materials' intended end uses. Also, spent wood preserving solutions that are reclaimed and reused for their original intended purpose; and wastewaters from the wood preserving processes that have been reclaimed and are used to treat wood. (See also §261.4(a)(9).)
Cement Kiln Dust §261.4(b)(8)	Cement kiln dust waste, except as provided by 40 CFR 266.112 for facilities that burn or process hazardous waste. Requirements for generators and managers of cement kiln dust (other than cement kiln dust that is hazardous waste under section 266.112), including reporting requirements, are currently being determined by the EPA. Contact the RCRA, Superfund & EPCRA Hotline (see page 5 for number) for further guidance.
Coking By-products §261.4(a)(10)	EPA hazardous waste codes K060, K087, K141, K142, K143, K144, K145, K147, and K148, and any wastes from coke by-products processes that are hazardous only because they exhibit the Toxicity Characteristic specified in 40 CFR 261.24 when, subsequent to generation, these materials are recycled to coke ovens, to the tar recovery process as a feedstock to produce coal tar, or mixed with coal tar prior to the tar's sale or refining. This exclusion is conditioned on there being no land disposal of the wastes from the point they are generated to the point they are recycled to coke ovens, tar recovery, or refining processes, or are mixed with coal tar.
Comparable/Syngas Fuels §261.4(a)(16)	Wastes that meet the following comparable/syngas fuel requirements of §261.38 are not solid wastes: (a) Comparable fuel specifications - The heating value must exceed 5,000 Btu/lbs. (11,500 J/g) - The viscosity must not exceed 50 cs, as-fired - Constituent levels must not exceed those outlined in Table 1 of Section 261.38 (b) Synthesis gas fuel specifications - The Btu value must exceed 100 Btu/Scf - Total halogen content must not exceed 1 ppmv - Total nitrogen (other than diatomic nitrogen) content may not exceed 300 ppmv - Total hydrogen sulfide content must not exceed 200 ppmv - Total content of each Appendix VIII constituent must not exceed 1 ppmv

EXCLUDED WASTES

(Continued)

Waste Category	Waste Description
Domestic Sewage §261.4(a)(1)	Any untreated sanitary wastes that pass through a sewer system. Any mixture of domestic sewage and other wastes that passes through a sewer system to a publicly owned treatment works (POTW) for treatment.
Dredged Material §261.4(g)	Dredged material that is subject to the requirements of a permit that has been issued under 404 of the Federal Water Pollution Control Act (33 U.S.C.1344) or section 103 of the Marine Protection, Research, and Sanctuaries Act of 1972 (33 U.S.C. 1413). Refer to 40 CFR 261.4(g)(1) and (2) for definitions of terms.
Drilling Fluid §261.4(b)(5)	A drilling fluid, produced water, and other waste associated with the exploration for or the development or production of crude oil, natural gas, or geothermal energy.
Excluded Scrap Metal Being Recycled §261.4(a)(13)	"Excluded scrap metal" is processed scrap metal, unprocessed home scrap metal, and unprocessed prompt scrap metal.
Exported Wastes	Hazardous waste that is exported directly to a foreign country is not to be reported in this Hazardous Waste Report. A primary exporter of hazardous waste must complete and submit an Annual Report to the Administrator no later than March 1 of each year, as required under 40 CFR 262.56.
Fossil Fuel Emission Control Waste §261.4(b)(4)	Fly ash waste, bottom ash waste, slag waste, or flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels, except as provided in 40 CFR 266.112 for facilities that burn or process hazardous waste.
Household Waste §261.4(b)(1)(i)-(ii)	Household waste, including household waste that has been collected, transported, stored, treated, disposed, recovered (e.g., refuse-derived fuel), or reused. "Household waste" means any waste material (including garbage, trash, and sanitary wastes in septic tanks) derived from households (including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day use recreation areas). A resource recovery facility managing municipal solid waste shall not be deemed to be treating, storing, disposing, or otherwise managing hazardous wastes for the purposes of regulation under RCRA if that facility: (1) receives and burns only household wastes (defined above) and commercial or industrial solid waste that does not contain hazardous waste; and (2) does not accept hazardous wastes and the owner or operator of the facility has established contractual requirements or other appropriate notification or inspection procedures to assure that hazardous wastes are neither received nor burned in the facility.
HTMR Condenser Residue §261.4(a)(11)	Non-wastewater splash condenser dross residue from the treatment of K061 in high temperature metals recovery units, provided it is shipped in drums (if shipped) and not land disposed before recovery.
In situ Mining Materials §261.4(a)(5)	Material subjected to in situ mining techniques that is not removed from the ground as part of the extraction process.

Waste Category	Waste Description
Irrigation Return Flows §261.4(a)(3)	Irrigation return flow.
Kraft Mill Steam Stripper Condensates §261.4(a)(15)	Condensates derived from the overhead gases from kraft mill steam strippers that are used to comply with 40 CFR 63.446(e) are excluded, but this exclusion applies only to combustion at the mill generating the condensates.
Leachate §261.4(b)(15)	Leachate or gas condensate collected from landfills where certain solid wastes have been disposed are excluded, provided that the requirements outlined in §261.4(b)(15)(i)-(v) are met. Specifically, the solid wastes had to have been disposed of prior to the effective date of the new listing for K169-K172 (February 8, 2001), and would have otherwise met one or more of the listing descriptions if these wastes had been generated after the effective date of the listing. In addition, in order to remain exempt from regulation, the leachate or gas condensate derived from these previously-disposed wastes must not be hazardous for any other reason, must be discharged under 307(b) or 402 of the Clean Water Act, and must not be managed in surface impoundments after February 13, 2001.
Mining and Mineral Process Wastes §261.4(b)(7)	Solid waste from the extraction, beneficiation, and processing of ores and minerals (including coal, phosphate rock, and overburden from the mining of uranium ore), except as provided in 40 CFR 266.112 for facilities that burn or process hazardous waste. Details on the specific wastes and activities excluded are provided in §261.4(b)(7).
Mining Overburden §261.4(b)(3)	Mining overburden returned to the mine site.
Nuclear Material §261.4(a)(4)	Source, special nuclear, or by-product material are defined by the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq.: "Source material" means: (1) uranium, thorium, or any other material, determined by the Commission pursuant to the provisions of Section 2091 of this title, to be source material; or (2) ores containing one or more of the foregoing materials in such concentration as the Commission may by regulation determine from time to time. "Special nuclear material" means: (1) plutonium, uranium enriched in the isotope 233 or in the isotope 235, and any other material which the Commission, pursuant to the provisions of Section 2071 of this title, determines to be special nuclear material, but does not include source material; or (2) any material artificially enriched by any of the foregoing, but does not include source material. "By-product material" means: (1) any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to radiation incident to the process of producing or utilizing special nuclear material; and (2) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content.

	**NOTE:** If the material described by the above exclusion is mixed with a hazardous waste, the material is regulated under RCRA as well as under the 1954 Atomic Energy Act and is to be reported in the 2001 Hazardous Waste Report.

EXCLUDED WASTES
(Continued)

Waste Category	Waste Description
Oil Filters §261.4(b)(13)	Non-terne plated used oil filters that are not mixed with wastes listed in subpart D of 40 CFR Part 261 if these oil filters have been gravity hot-drained using one of the following methods: (1) puncturing the filter anti-drain back valve or the filter dome end and hot-draining; (2) hot-draining and crushing; (3) dismantling and hot-draining; or (4) any other equivalent hot-draining method that will remove used oil.
Petrochemical Recovered Oil §261.4(a)(18)	"Petrochemical recovered oil" is oil that has been reclaimed from an associated organic chemical manufacturing facility where the oil is to be inserted into the petroleum refining process (SIC code 2911) along with normal petroleum refinery process streams; provided it (1) is hazardous only because it exhibits the characteristic of ignitability (as defined in Section 261.21) and/or toxicity for benzene (Sec. 261.24, waste code D018); and (2) is not placed on the land, or speculatively accumulated before being recycled into the petroleum refining process. An "associated organic chemical manufacturing facility" is defined in 40 CFR 261.4(a)(18)(ii).
Petroleum-contaminated Media and Debris §261.4(b)(10)	Petroleum-contaminated media and debris that fail the Toxicity Characteristic in 40 CFR 261.24 for EPA hazardous waste codes D018 through D043 only and are subject to the corrective action regulations under 40 CFR Part 280.
Petroleum Refining §261.4(a)(12)	Oil-bearing sludges, byproducts, or spent materials that are generated at a petroleum refinery (SIC code 2911) and are inserted into the petroleum refining process are excluded unless the material is placed on the land, or speculatively accumulated before being recycled are excluded. However, oil-bearing hazardous secondary materials generated elsewhere in the petroleum industry (i.e., from sources other than petroleum refineries) are not excluded under this section. Additionally, recovered oil which is oil that has been reclaimed from secondary materials, including wastewater, generated from normal petroleum industry practices, including refining, exploration and production, bulk storage, and transportation incident thereto (SIC codes 1311, 1321, 1381, 1382, 1389, 2911, 4612, 4613, 4922, 4923, 4789, 5171, and 5172) that is inserted into the petroleum refining process is excluded unless the material is placed on the land, or speculatively accumulated before being recycled.
Pulping Liquor §261.4(a)(6)	Pulping liquor (i.e., black liquor) that is reclaimed in a pulping liquor recovery furnace and then reused in the pulping process, unless it is accumulated speculatively as defined in 40 CFR 261.1(c).
Refrigerants §261.4(b)(12)	Used chlorofluorocarbon refrigerants from totally enclosed heat transfer equipment, including mobile air conditioning systems, mobile refrigeration, and commercial and industrial air conditioning and refrigeration systems that use chlorofluorocarbons as the heat transfer fluid in a refrigeration cycle, provided the refrigerant is reclaimed for further use.
Secondary Materials Returned to Original Process §261.4(a)(8)	Secondary materials that are reclaimed and returned to the original process or processes in which they were generated where they are reused in the production process provided: (1) only tank storage is involved and the entire process through completion of reclamation is closed by being entirely connected with pipes or other comparable enclosed means of conveyance; (2) reclamation does not involve controlled flame combustion (such as occurs in boilers, industrial furnaces, or incinerators); (3) the secondary materials are never accumulated in such tanks for over twelve months without being reclaimed; and (4) the

Waste Category	Waste Description
	reclaimed material is not used to produce a fuel or to produce products that are used in a manner constituting disposal.
Secondary Materials from Mineral Processing §261.4(a)(17)	This exclusion applies to secondary materials (e.g., sludges, by-products, and spent materials as defined in Section 261.1) generated within the primary mineral processing industry from which minerals, acids, cyanide, water, or other values are recovered by mineral processing, provided that: the secondary material is legitimately recycled to recover minerals, acids, cyanide, water, or other values; and certain other conditions specified in Section 261.4(a)(17) are met.
Shredded Circuit Boards Being Recycled §261.4(a)(14)	Shredded circuit boards being recycled are excluded, provided they are stored in containers sufficient to prevent a release to the environment prior to recovery and are free of mercury switches, mercury relays, and nickel-cadmium batteries and lithium batteries.
Spent Caustics from Petroleum Refining §261.4(a)(19)	Spent caustic solutions from petroleum refining liquid treating processes used as a feedstock to produce cresylic or naphthenic acid are excluded, provided the materials are not placed on the land or accumulated speculatively as defined in Section 261.1(c).
Spent Wood Preserving Solutions and Wastewaters §261.4(a)(9)	These wastes are excluded, provided they are reused on site at water borne plants in the production process for their original intended purpose and are managed to prevent release into the environment per the conditions specified in Section 261.4(a)(9).
Sulfuric Acid §261.4(a)(7)	Spent sulfuric acid used to produce virgin sulfuric acid, unless it is accumulated speculatively as defined in 40 CFR 261.1(c).
Treatability Study Samples §261.4(e)	Samples generated or collected to determine if a particular treatment method will be effective on a given waste and what types of waste will remain after treatment is completed are not subject to certain regulations under RCRA (Parts 261-263, Section 3010 notification requirements) provided the generator complies with the requirements outlined in §261.4(e)(2).
Treatability Studies at Laboratories and Testing Facilities §261.4(f)	Samples undergoing treatability studies at laboratories or testing facilities are not subject to certain regulations under RCRA (Parts 124, 262-266, 268, 270 and Section 3010 notification requirements) provided the laboratory or testing facility complies with the regulations outlined in §261.4(f)(1)-(11).
Trivalent Chromium Waste §261.4(b)(6)	Wastes which fail the test for the Toxicity Characteristic because chromium is present or are listed in 40 CFR Part 261, Subpart D due to the presence of chromium, which do not fail the test for the Toxicity Characteristic for any other constituent or are not listed due to the presence of any other constituent, and which do not fail the test for any other characteristic, if it is shown by a waste generator that: (1) the chromium in the waste is exclusively, or nearly exclusively, trivalent chromium; (2) the waste is generated from an industrial process that uses trivalent chromium exclusively, or nearly exclusively, and the process does not generate hexavalent chromium; and (3) the waste is typically and frequently managed in non-oxidizing environments. Specific waste types that meet the exclusion are listed in 40 CFR 261.4(b)(6)(ii).

EXCLUDED WASTES
(Continued)

Waste Category	Waste Description
Used Oil Distillation Bottoms §261.4(b)(14)	Used oil re-refining distillation bottoms that are used as feedstock to manufacture asphalt products.
Wastes Generated in Storage Tanks, Transport Vehicles, Pipelines, or Manufacturing Process Units §261.4(c)	Wastes generated in a product or raw material storage tank, transport vehicle, vessel, or pipeline, or in a manufacturing process unit or an associated non-waste-treatment-manufacturing unit, are not subject to certain regulations under RCRA until the waste exits the unit in which it was generated (unless the unit is a surface impoundment) or it remains in the unit more than 90 days after the unit is no longer used for manufacture, storage, or transportation.
Wastewater Point Source Discharge §261.4(a)(2)	Industrial wastewater discharge subject to regulation under section 402 of the Clean Water Act, as amended. This exclusion applies only to the actual point source discharge. It does not exclude industrial wastewaters while they are being collected, stored, or treated before discharge, nor does it exclude sludges generated by industrial wastewater treatment.

DEFINITIONS

This section contains definitions of terms helpful for completing the Hazardous Waste Report. For terms defined in the Code of Federal Regulations (CFR), the appropriate citation is provided.

Accumulation

A site that does not hold RCRA Interim Status or a RCRA permit may accumulate hazardous waste for a short period of time before shipping it off site. The waste must be accumulated in either tanks or containers; it may not be accumulated in surface impoundments.

Generators of more than 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 90 days before shipping it off site. Generators of 100 kg (220 lbs) to 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 180 days before shipping it off site. If the nearest treatment, storage, disposal, or recycling facility to which they can send their waste is more than 200 miles away, they may accumulate their waste for 270 days. See 40 CFR 262.34.

Act or RCRA

The Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976, as amended by the Hazardous and Solid Waste Amendments of 1984, 42 U.S.C. Section 6901 *et seq.*

Acute Hazardous Waste

Any hazardous waste with an EPA hazardous waste code beginning with the letter "P" (40 CFR 261.33(e)) or any of the following "F" codes: F020, F021, F022, F023, F026, and F027 (40 CFR 261.31). These wastes are subject to stringent quantity standards for accumulation and generation (40 CFR 261.5(e)).

Authorized Representative

The person responsible for the overall operation of the site or an operational unit (i.e., part of a site), e.g., superintendent or plant manager, or person of equivalent responsibility.

Authorized State

A State that has obtained authorization from the EPA to direct its own RCRA program.

Boiler

An enclosed device using controlled flame combustion and having the following characteristics:

1. The unit has physical provisions for recovering and exporting energy in the form of steam, heated fluids, or heated gases;
2. The unit's combustion chamber and primary energy recovery section(s) are of integral design (i.e., they are physically formed into one manufactured or assembled unit);
3. The unit continuously maintains an energy recovery efficiency of at least 60 percent, calculated in terms of the recovered energy compared with the thermal value of the fuel;
4. The unit exports and utilizes at least 75 percent of the recovered energy, calculated on an annual basis (excluding recovered heat used internally in the same unit, for example, to preheat fuel or combustion air or drive fans or feedwater pumps); or
5. The unit is one which the Regional Administrator has determined, on a case-by-case basis, to be a boiler, after considering the standards in 40 CFR 260.32.

DEFINITIONS
(Continued)

By-product Material

For purposes of the Hazardous Waste Report, a by-product material is (1) any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to the radiation incident to the process of producing or utilizing special nuclear material; and (2) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content (defined in the Atomic Energy Act of 1954).

Code of Federal Regulations (CFR)

Codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the Federal Government. The Code is divided into 50 titles which represent broad areas subject to Federal regulation. Each title is divided into chapters that usually bear the name of the issuing agency. Each chapter is further subdivided into parts covering specific regulatory areas. The CFR title applicable for the Hazardous Waste Report is "40," as in "40 CFR 262.34."

Conditionally Exempt Small Quantity Generator (CESQG) of Hazardous Waste

A generator that meets the following criteria:

In every month during the year, the site did **all** of the following:

1. Generated no more than 100 kg (220 lbs.) of RCRA hazardous waste in a calendar month; **and**

2. Generated, in a calendar month, or accumulated at any time, no more than 1 kg (2.2 lbs.) of acute hazardous waste, **and** no more than 100 kg (220 lbs.) of material from the cleanup of a spill of acute hazardous waste; **and**

3. Accumulated, at any time, no more than 1,000 kg (2,200 lbs.) of hazardous waste.

Confidential Business Information (CBI)

Information a facility does not wish to make available to the general public for competitive business reasons. Confidential Business Information (CBI) may be claimed for certain information in your report. A claim may be made in accordance with 40 CFR Part 2, Subpart B.

Delisted Wastes

Site-specific wastes excluded from regulation under 40 CFR 260.20 and 260.22. A waste at a particular generating site may be excluded by petitioning the EPA Administrator for a regulatory amendment. These wastes are listed in Appendix IX of 40 CFR Part 261.

Disposal

The discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters.

Environmental Protection Agency (EPA)

EPA, also called U.S. EPA, means the United States Environmental Protection Agency. Some State environmental authorities may be called the EPA also, as in "Illinois EPA."

EPA Identification (ID) Number	The number assigned by the EPA to each hazardous waste generator, hazardous waste transporter, and treatment, storage, or disposal site; large quantity handler of universal wastes; used oil transporter, used oil processor/re-refiner, off-specification used oil fuel burner, and used oil fuel marketer.
Excluded Wastes	Wastes excluded from the definition of solid or hazardous waste under 40 CFR 261.3 and 261.4. See page 33 for a partial listing.
Hazardous Waste	A hazardous waste as defined in 40 CFR 261.3.
Hazardous Waste Generator	Any person, by site, whose act or process produces hazardous waste identified or listed in 40 CFR Part 261.
Hazardous Waste Number or Code, EPA	The number (or code) assigned by the EPA to each hazardous waste listed in 40 CFR Part 261, Subpart D and to each characteristic identified in 40 CFR Part 261, Subpart C. The codes consist of one letter (D, F, P, U, or K) and three numbers. The list of EPA hazardous waste codes begins on page 53.
Hazardous Waste Storage	The holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed of, or stored elsewhere.
Hazardous Waste Transporter	A person engaged in the off-site transportation of hazardous waste by air, rail, highway, or water.
Hazardous Waste Treatment	Any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such hazardous waste, or so as to recover energy or material resources from the hazardous waste, or so as to render such hazardous waste nonhazardous, or less hazardous; safer to transport, store or dispose of; or amenable for recovery, amenable for storage, or reduced in volume. Such term includes any activity or processing designed to change the physical form or composition of hazardous waste so as to render it nonhazardous.
Incineration	Burning of certain types of solid, liquid, or gaseous materials; or a treatment technology involving destruction of waste by controlled burning at high temperatures (e.g., burning sludge to remove the water and reduce the remaining residues to a safe, non-burnable ash that can be disposed safely on land, in some waters, or in underground locations).
Industrial Furnace	Any of the following enclosed devices that are integral components of manufacturing processes and that use thermal treatment to accomplish recovery of materials or energy: cement kilns; lime kilns; aggregate kilns; phosphate kilns; coke ovens; blast furnaces; smelting, melting and refining furnaces; titanium dioxide chloride process oxidation reactors; methane reforming furnaces; pulping liquor recovery furnaces; combustion devices used in the recovery of sulfur values from spent sulfuric acid; halogen acid furnaces, as defined under industrial furnace in 40 CFR 260.10; and such other devices as the Administrator may add to this list.

DEFINITIONS
(Continued)

Interim (Permit) Status

Period during which the owner/operator of an existing TSD facility is treated as having been issued a RCRA permit even though he/she has not yet received a final determination. An existing facility should have automatically qualified for interim status if the owner/operator filed both timely "notification" and the first part (Part A) of the RCRA permit application. Interim status continues until a final determination is made to issue or deny the permit. Owners/operators of new facilities cannot by definition qualify for interim status; rather, they need a RCRA permit prior to beginning construction of a hazardous waste management facility.

Large Quantity Generator (LQG) of Hazardous Waste

A generator that meets **any** of the following criteria:

1. Generates, in a calendar month, 1,000 kg (2,200 lbs.) or more of RCRA hazardous waste, during one or more months in a year; **or**
2. Generates, in a calendar month, or accumulates at any time, more than 1 kg (2.2 lbs.) of RCRA acute hazardous waste; **or**
3. Generates, in a calendar month, or accumulates at any time, more than 100 kg (220 lbs.) of spill cleanup material contaminated with RCRA acute hazardous waste.

Large Quantity Handler of Universal Waste

A universal waste handler (as defined in 40 CFR 273.9) who accumulates a total of 5,000 kilograms or more of universal wastes (batteries, pesticides, thermostats, or lamps - calculated collectively) at any time. This designation is retained through the end of the calendar year in which 5,000 kilograms or more of universal wastes are accumulated.

Management, or Hazardous Waste Management

Systematic control of the collection, source separation, storage, transportation, processing, treatment, recovery, or disposal of hazardous waste (40 CFR 260.10).

Manifest, Uniform Hazardous Waste

The shipped document EPA form 8700-22 and, if necessary, Form 8700-22A, originated and signed by a generator in accordance with the instructions included in the appendix to 40 CFR Part 262. The "cradle-to-grave" paperwork must accompany a shipment of hazardous waste as it moves from the generator to the transporter and eventually to the hazardous waste management facility.

Mixed Waste

Waste that contains both hazardous and source, special nuclear, or by-product material subject to the Atomic Energy Act (AEA), RCRA section 1004(41), 42 U.S.C. 6903 (63 FR 17414; April 9, 1998).

Municipality

A city, village, town, borough, county, parish, district, association, Indian tribe or authorized Indian tribal organization, designated and approved management agency under Section 208 of the Clean Water Act, or any other public body created by or under State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes.

Off-site Facility

A hazardous waste treatment, storage, disposal, or recycling area located at a place away from the generating site.

Off-Specification Used Oil Burner	A site where used oil not meeting the specification requirements in 40 CFR 279.11 (off-specification used oil) is burned for energy recovery in devices identified in Section 279.61(a).
Off-Specification Used Oil Fuel	Used oil fuel that does not meet the specification provided under 40 CFR 279.11.
On-site Facility	A hazardous waste treatment, storage, disposal, or recycling area located on the generating site.
On-Specification Used Oil Fuel	Used oil fuel that meets the specification provided under 40 CFR 279.11.
Operator	The person responsible for the overall operation of a site.
Owner	The person who owns a site or part of a site.
Process System	For purposes of the Hazardous Waste Report, a process system refers to one or more units used together to treat, recover, or dispose of a hazardous waste. The process system begins at the unit where the hazardous waste first enters and consists of all other treatment, recovery, or disposal units downstream from the point of entry. Note that storage is **not** considered a process system, except for storage at a bulking and re-shipping facility (H141). Classify each process system with a Management Method code that best identifies the **final substantive purpose/operation it performs**. For example, a process system to remove dissolved metals from wastewater prior to shipping the sludge off site typically includes equalization, pH adjustment, chemical precipitation, flocculation, clarification/settling, and dewatering of the sludge removed from the bottom of the clarifier. The chemical precipitation process best identifies the primary purpose of this treatment system – to remove metals from the wastewater. If this wastewater treatment system is RCRA-regulated, it would be reported as H077 (chemical precipitation). If the sludge will be disposed at the reporting site in a landfill, the code will be H132 (landfill) and will need to be reported on a separate GM Form because it is a residual from a treatment process. However, this process is exempt if the treated water flows to a POTW or a NPDES outfall with no RCRA-regulated storage or treatment units in the system, and should not be reported. A listing of Management Method codes begins on page 81.
Process Unit	For purposes of the Hazardous Waste Report, a process unit refers to a single type of treatment (e.g., tank, distillation column, surface impoundment) in which hazardous waste is treated, disposed, or recycled.
Resource Conservation and Recovery Act (RCRA)	The Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act (RCRA) (40 CFR 270.2). It is the Federal statute that regulates the generation, treatment, storage, disposal, recycling, and/or transportation of solid and hazardous waste.
RCRA Interim (Permit) Status	Refer to "Interim (Permit) Status" definition on page 42.

DEFINITIONS
(Continued)

RCRA Permit

A complete RCRA permit is comprised of an operating permit for hazardous waste treatment, storage, and disposal, and a corrective action permit addressing releases from solid waste management unit (SWMUs). To apply for a permit, a site must file a two-part application (Part A and Part B). A facility is not considered to have a complete RCRA permit until both parts have been issued.

Recycling

Use, reuse, or reclamation of a material (40 CFR 261.1(c)(7)). "Reclamation" is the processing or regeneration of a material to recover a usable product (e.g., recovery of lead values from spent batteries, regeneration of spent solvents) (40 CFR 261.1(c)(4)). A material is "used or reused" if it is either: (1) employed as an ingredient (including use as an intermediate) in an industrial process to make a product (e.g., distillation bottoms from one process used as feedstock in another process) (40 CFR 261.1(c)(5)). However, a material will not satisfy this condition if distinct components of the material are recovered as separate end products (as when metals are recovered from metal-containing secondary materials); or (2) employed in a particular function or application as an effective substitute for a commercial product (e.g., spent pickle liquor used as phosphorous precipitant and sludge conditioner in wastewater treatment).

Residual

A hazardous waste derived from the treatment, disposal, or recycling of a previously existing hazardous waste (e.g., the sludge remaining after initial wastewater treatment).

Site

The physical plant or location at which one or more of the following regulated waste activities occurs: the generation, transportation, treatment, storage, or disposal of hazardous wastes; the storage of hazardous wastes before they are recycled; the accumulation of 5,000 kg or more of universal wastes; and the transportation (and temporary storage during transportation), processing/re-refining, burning, or marketing of used oil. A site may consist of several treatment, storage, or disposal operational units. (For entities that only transport regulated wastes, the term site refers to the headquarters of that entity's operations.)

Sludge

Any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility exclusive of the treated effluent from a wastewater treatment plant (40 CFR 260.10).

Small Quantity Generator (SQG) of Hazardous Waste

A generator that meets **all** the following criteria:

1. Generates, in a calendar month, more than 100 kg (220 lbs.) but less than 1,000 kg (2,200 lbs.) of RCRA hazardous waste, during one or more months in a year; **and**
2. Generates, in a calendar month, or accumulates at any time, no more than 1 kg (2.2 lbs.) of acute hazardous waste **and** no more than 100 kg (220 lbs.) of material from the cleanup of a spill of acute hazardous waste.

OR, your site is a Small Quantity Generator if the site:

1. Meets all other criteria for a Conditionally Exempt Small Quantity Generator, but

2. Accumulates, at any time, more than 1,000 kg (2,200 lbs.) of hazardous waste.

Small Quantity On-Site Burner Exemption

The persons who burn small quantities of hazardous waste in an on-site boiler or industrial furnace, in accordance with 40 CFR 266.108, are conditionally exempt from regulation for that activity.

Smelting, Melting, and Refining Furnace Exemption

Under 40 CFR 266.100(c), owners or operators of smelting, melting, and refining furnaces that process hazardous wastes solely for metals recovery are conditionally exempt from regulation, except for 40 CFR 266.101 and 266.112, provided they comply with limited requirements set forth in Section 266.100(c). Similarly, 40 CFR 266.100(f) provides that owners or operators of smelting, melting and refining furnaces that process hazardous wastes for the recovery of precious metals are conditionally exempt from regulation, except for 40 CFR 266.112, provided they comply with limited requirements specified in Section 266.100(f).

Solid Waste

Any garbage, refuse, or sludge, or other materials not excluded under 40 CFR 261.4(a). Exclusions include, for example, domestic sewage and any mixture of other wastes that pass through a sewer system to a publicly owned treatment works (POTWs); industrial wastewater discharges that are point source discharges subject to regulation under the Clean Water Act; irrigation return flows; nuclear materials defined by the Atomic Energy Act; and in situ mining materials (see also page 33). Wastewaters being collected, stored, or treated before discharge and sludges generated by wastewater treatment are not excluded. The EPA defines hazardous waste as a subset of solid waste.

Source Material

As defined by the Atomic Energy Act of 1954: (1) Uranium, thorium, or any other material determined by the Commission pursuant to the provisions of Section 2091 of this title to be source material; or (2) ores containing one or more of the foregoing materials in such concentration as the Commission may by regulation determine from time to time.

Special Nuclear Material

As defined by the Atomic Energy Act of 1954: (1) plutonium, uranium enriched in the isotope 233 or in the isotope 235, and any other material which the Commission, pursuant to the provisions of Section 2071 of this title, determines to be special nuclear material, but does not include source material; or (2) any material artificially enriched by any of the foregoing, but does not include source material.

Superfund

The program operated under the legislative authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Superfund Amendments and Reauthorization Act (SARA) that funds and carries out the solid waste emergency response and long-term remedial activities of the EPA.

DEFINITIONS
(Continued)

Surface Impoundment — A natural topographic depression, man-made excavation, or diked area formed primarily from earthen materials (though it may be lined with man-made materials) that is designed to accumulate liquid wastes or wastes containing free liquids, and that is not an injection well (40 CFR 260.10).

Transfer Facility — Any transportation-related facility including loading docks, parking areas, storage areas, and other similar areas where shipments of hazardous waste are held during the normal course of transportation (40 CFR 260.10).

Underground Injection Control — The subsurface emplacement of fluids through a bored, drilled or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. Underground injection wells are regulated under both the Safe Drinking Water Act and the Resource Conservation and Recovery Act (see 40 CFR Part 148).

Unit — Refer to "Process Unit" definition on page 43.

United States Importer — Any person who imports hazardous waste from a foreign country into the United States. This does not include hazardous waste shipped from a foreign Department of Defense site, Maquiladora, United States territory or protectorate.

Universal Waste — Any of the following hazardous wastes that are managed under the universal waste requirements of 40 CFR Part 273: batteries, pesticides, thermostats, and lamps.

Used Oil — Any oil that has been refined from crude oil, or any synthetic oil, that has been used, and as a result of such use, is contaminated by physical or chemical impurities.

Used Oil Fuel Marketer — Any person who conducts either of the following activities:

1. Directs a shipment of off-specification used oil from their site to an off-specification used oil burner; or
2. First claims that used oil that is to be burned for energy recovery meets the used oil fuel specifications set forth in 40 CFR 279.11.

Used Oil Management Activities — For the purposes of the Site Identification Form, includes used oil transportation; used oil processing and re-refining; burning off-specification used oil fuel; and used oil fuel marketing.

Used Oil Processing — Chemical or physical operations designed to produce from used oil, or to make used oil more amenable for production of, fuel oils, lubricants, or other used oil-derived products. Processing includes, but is not limited to: blending used oil with virgin petroleum products, blending used oils to meet the fuel specification, filtration, simple distillation, chemical or physical separation, and re-refining.

Used Oil Processor — A site that processes on- or off-specification used oil.

Used Oil Re-Refiner — A site that produces lubricating oils and greases, industrial fuel, asphalt extender, gasoline, and other products from on- or off-specification used oil.

Used Oil Transfer Facility — Any transportation-related facility, including loading docks, parking areas, storage areas, and other areas where shipments of used oil are held for more than 24 hours during the normal course of transportation and not longer than 35 days. Transfer facilities that store used oil for more than 35 days are subject to regulation under 40 CFR Part 279, Subpart F.

Used Oil Transporter — Any person who transports used oil, any person who collects used oil from more than one generator and transports the collected oil, and owners and operators of used oil transfer facilities. Used oil transporters may consolidate or aggregate loads of used oil for purposes of transportation but, with the following exception, may not process used oil. Used oil transporters may conduct incidental processing operations that occur in the normal course of used oil transportation (e.g., settling and water separation), but that are not designed to produce (or make more amenable for production of) used oil-derived products or used oil fuel.

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SPECIAL INSTRUCTIONS

These instructions explain how to complete the 2001 Hazardous Waste Report for wastes and sites with unique regulatory or reporting requirements.

Asbestos, PCBs, waste oils

In most cases, **do not** report asbestos, PCBs, and waste oils. However, you **must** report them **if any** of the following conditions exist:

(1) If your State specifically requires that these wastes be reported;

(2) If a listed RCRA hazardous waste (i.e., EPA hazardous waste code that begins with "F," "K," "P," or "U") is mixed with asbestos, PCBs, or waste oil, in which case the entire mixture is a hazardous waste; or

(3) If the waste possesses one or more of the characteristics that result in assigning EPA hazardous waste code beginning with "D." (This does not apply to used oil that is recycled, as explained below.)

Do not report "used oil that is recycled and is also a hazardous waste solely because it exhibits a hazardous characteristic (criterion 3 above). Used oil that is recycled includes any used oil which is reused, following its original use, for any purpose (including the purpose for which the oil was originally used). Such term includes, but is not limited to, oil which is re-refined, reclaimed, burned for energy recovery, or reprocessed." (40 CFR 261.6(a)(4))

Lab packs

The following rules apply to the reporting of lab pack wastes in the 2001 Hazardous Waste Report:

(1) You may aggregate lab pack wastes if they have the same Form code. However, you must report them as separate wastes under the following conditions:

- If they contain **RCRA acute hazardous wastes** (i.e., EPA hazardous waste codes F020, F021, F022, F023, F026, F027, and all "P" waste codes). Report separately from lab packs containing other RCRA hazardous wastes (all other EPA hazardous waste codes).

- If they are managed differently from each other. For example, report lab packs shipped to landfills separately from those incinerated.

(2) Enter a Form code (see page 79) indicating lab packs (i.e., W001 or W004) in Section 1, Box E of Form GM, or Box G of Form WR. These Form codes are to be used with any lab pack, whether the wastes are gaseous, liquid, solid, or sludge.

(3) It is **not** necessary to report every EPA hazardous waste code included in a batch of lab packs. Record one, or a few predominant, EPA hazardous waste codes in Section 1, Box B of Form GM, or Box B of Form WR. If there are many EPA hazardous waste codes associated with the batch of lab packs, enter "LABP" in the first four-character field in Section 1, Box B of Form GM, or Box B of Form WR; then enter "NA" in the remaining spaces for the EPA hazardous waste codes.

(4) When reporting quantities for lab packs:

- **Include** the weight of the containers if they are disposed (e.g., landfilled) or treated (e.g., incinerated) with the waste.
- **Exclude** the weight of the containers if the waste is removed from the containers before treatment or disposal.

Groundwater contaminated by leachate

Groundwater contaminated by RCRA hazardous waste leachate is not considered a solid waste and is, therefore, not classified as a hazardous waste. However, because hazardous waste is "contained in" the groundwater, it must be treated "as if" it were a RCRA hazardous waste. When reporting groundwater contaminated by leachate in the 2001 Hazardous Waste Report, observe the following conventions:

(1) **Do not** report generation quantities for contaminated groundwater. Enter "NA" in Form GM, Section 1, Box G. Explain in the Comments section that it is groundwater, not a hazardous waste, that was generated on site.

(2) **Do** report quantities managed on site (Form GM, Section 2, On-site Process Systems 1 and 2); quantities shipped off site for management (Form GM, Section 3); and quantities received from off site and managed on site (Form WR, Box E).

RCRA-radioactive mixed wastes

By themselves, source material, special nuclear material, or by-product materials (See Definitions section beginning on page 39), as defined by the Atomic Energy Act of 1954 and amended by 42 U.S.C. 2011 et. seq., are not classified as hazardous wastes under RCRA. However, if these materials are mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 2001 Hazardous Waste Report.

Wastes received from Conditionally Exempt Small Quantity Generators (CESQGs)

Waste management facilities sometimes receive hazardous wastes from large numbers of Conditionally Exempt Small Quantity Generators (CESQGs) or other sites that do not have RCRA EPA Identification Numbers. To minimize the response burden for filling out the WR form for these wastes, you may aggregate the wastes across generating sites, in accordance with the following guidelines:

(1) All the wastes must have the same EPA hazardous waste code (Box B), State hazardous waste code (Box C), Form code (Box G), RCRA-radioactive mixed code (Box H), and Management Method code (Box I).

(2) Wastes received from different States must be reported separately. For the off-site handler EPA ID number (Box D), the entry should include the two-letter postal code of the originating State, followed by the letters "CESQG."

For example, wastes received from several CESQGs in the State of Alaska (AK) that share a common EPA hazardous waste code, State hazardous waste code,

Form code, RCRA radioactive mixed code, and Management Method code could be aggregated in a single waste block of Form WR (e.g., Waste 1). In Box D, the off-site handler EPA ID number is entered as "AKCESQG." Note: This method of completing Box D can also be used for CESQG waste that is not aggregated.

Wastes received from foreign countries

Report on Form WR all wastes received by your facility from a foreign site that were managed on site. Report the code "FC" for foreign country followed by the name of the country in the space for the EPA ID number. Report on Form OI the name and address of all foreign generators, if this form is required by your State.

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EPA HAZARDOUS WASTE CODES

Code	Waste description
CHARACTERISTICS OF HAZARDOUS WASTE *(SEE 40 CFR 261.24)*	
D001	Ignitable waste
D002	Corrosive waste
D003	Reactive waste
D004	Arsenic
D005	Barium
D006	Cadmium
D007	Chromium
D008	Lead
D009	Mercury
D010	Selenium
D011	Silver
D012	Endrin
D013	Lindane
D014	Methoxychlor
D015	Toxaphene
D016	2,4-D
D017	2,4,5-TP Silvex
D018	Benzene
D019	Carbon tetrachloride
D020	Chlordane
D021	Chlorobenzene
D022	Chloroform
D023	o-Cresol
D024	m-Cresol
D025	p-Cresol
D026	Cresol
D027	1,4-Dichlorobenzene
D028	1,2-Dichloroethane
D029	1,1-Dichloroethylene
D030	2,4-Dinitrotoluene
D031	Heptachlor (and its epoxide)
D032	Hexachlorobenzene
D033	Hexachlorobutadiene
D034	Hexachloroethane
D035	Methyl ethyl ketone
D036	Nitrobenzene
D037	Pentachlorophenol
D038	Pyridine
D039	Tetrachloroethylene
D040	Trichlorethylene
D041	2,4,5-Trichlorophenol
D042	2,4,6-Trichlorophenol
D043	Vinyl chloride
HAZARDOUS WASTE FROM NONSPECIFIC SOURCES *(SEE 40 CFR 261.31)*	
F001	The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichlorethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F002	The following spent halogenated solvents: tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2, trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F003	The following spent non-halogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F004	The following spent nonhalogenated solvents: cresols, cresylic acid, and nitrobenzene; and the still bottoms from the recovery of these solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F005	The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F006	Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.
F007	Spent cyanide plating bath solutions from electroplating operations.
F008	Plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process.
F009	Spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process.
F010	Quenching bath residues from oil baths from metal heat treating operations in which cyanides are used in the process.
F011	Spent cyanide solutions from slat bath pot cleaning from metal heat treating operations.
F012	Quenching wastewater treatment sludges from metal heat treating operations in which cyanides are used in the process.
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
F020	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce derivatives.
F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
F023	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F024	Process wastes including, but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludge, spent catalysts, and wastes listed in Sections 261.31. or 261.32.)
F025	Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one, to and including five, with varying amounts and positions of chlorine substitution.
F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.
F027	Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA hazardous waste nos. F020, F021, F022, F023, F026, and F027.
F032	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use, or have previously used, chlorophenolic formulations [except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with Section 261.35 (i.e., the newly promulgated equipment cleaning or replacement standards), and where the generator does not resume or initiate use of chlorophenolic formulations]. (This listing does not include K001 bottom sediment

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.)
F034	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F035	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F037	Petroleum refinery primary oil/water/solids separation sludge - Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow, sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in §261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing. This listing does include residuals generated from processing or recycling oil-bearing hazardous secondary materials excluded under §261.4(a)(12)(i), if those residuals are to be disposed of.
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge - Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and F037, K048, and K051 wastes are exempted from this listing.
F039	Leachate resulting from the treatment, storage, or disposal of wastes classified by more than one waste code under Subpart D, or from a mixture of wastes classified under Subparts C and D of this part. (Leachate resulting from the management of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its hazardous waste code(s): F020, F021, F022, F023, F026, F027, and/or F028.)
	HAZARDOUS WASTE FROM SPECIFIC SOURCES *(SEE 40 CFR 261.32)*
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.
K003	Wastewater treatment sludge from the production of molybdate orange pigments.
K004	Wastewater treatment sludge from the production of zinc yellow pigments.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K005	Wastewater treatment sludge from the production of chrome green pigments.
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).
K007	Wastewater treatment sludge from the production of iron blue pigments.
K008	Oven residue from the production of chrome oxide green pigments.
K009	Distillation bottoms from the production of acetaldehyde from ethylene.
K010	Distillation side cuts from the production of acetaldehyde from ethylene.
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile.
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile.
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.
K015	Still bottoms from the distillation of benzyl chloride.
K016	Heavy ends or distillation residues from the production of carbon tetrachloride.
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.
K018	Heavy ends from the fractionation column in ethyl chloride production.
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.
K021	Aqueous spent antimony catalyst waste from fluoromethane production.
K022	Distillation bottom tars from the production of phenol/acetone from cumene.
K023	Distillation light ends from the production of phthalic anhydride from naphthalene.
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene.
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.
K026	Stripping still tails from the production of methyl ethyl pyridines.
K027	Centrifuge and distillation residues from toluene diisocyanate production.
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.
K031	By-product salts generated in the production of MSMA and cacodylic acid.
K032	Wastewater treatment sludge from the production of chlordane.
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.
K035	Wastewater treatment sludges generated in the production of creosote.
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton.
K037	Wastewater treatment sludges from the production of disulfoton.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K038	Wastewater from the washing and stripping of phorate production.
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.
K040	Wastewater treatment sludge from the production of phorate.
K041	Wastewater treatment sludge from the production of toxaphene.
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.
K043	2,6-dichlorophenol waste from the production of 2,4-D.
K044	Wastewater treatment sludges from the manufacturing and processing of explosives.
K045	Spent carbon from the treatment of wastewater containing explosives.
K046	Wastewater treatment sludges from the manufacturing, formulation, and loading of lead-based initiating compounds.
K047	Pink/red water from TNT operations.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.
K049	Slop oil emulsion solids from the petroleum refining industry.
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.
K051	API separator sludge from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.
K062	Spent pickle liquor from steel finishing operations of plants that produce iron or steel.
K064	Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production.
K065	Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
K066	Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.
K069	Emission control dust/sludge from secondary lead smelting.
K071	Brine purification muds from the mercury cell process in chlorine production, in which separately prepurified brine is not used.
K073	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.
K083	Distillation bottoms from aniline production.
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.
K086	Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K087	Decanter tank tar sludge from coking operations.
K088	Spent potliners from primary aluminum reduction.
K090	Emission control dust or sludge from ferrochromiumsilicon production.
K091	Emission control dust or sludge from ferrochromium production.
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene.
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
K095	Distillation bottoms from the production of 1,1,1-trichloroethane.
K096	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.
K098	Untreated process wastewater from the production of toxaphene.
K099	Untreated wastewater from the production of 2,4-D.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K103	Process residues from aniline extraction from the production of aniline.
K104	Combined wastewaters generated from nitrobenzene/aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
K106	Wastewater treatment sludge from the mercury cell process in chlorine production.
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.
K108	Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K109	Spent filter cartridges from product purification from the product of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K110	Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K111	Product washwaters from the production of dinitrotoluene via nitration of toluene.
K112	Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
K113	Condensed liquid light ends from purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K114	Vicinals from the purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K115	Heavy ends from purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K116	Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
K118	Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K123	Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.
K124	Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.
K125	Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.
K126	Baghouse dust and floor sweepings in milling and packaging operations from production or formulation of ethylenebisdithiocarbamic acid and its salts.
K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K140	Floor sweepings, off-specification product, and spent filter media from the production of 2,4,6-tribromophenol.
K141	Process residues from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank sludge from coking operations).
K142	Tank storage residues from the production of coke from coal or from the recovery of coke by-products from coal.
K143	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
K144	Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
K147	Tar storage residues from coal tar refining.
K148	Residues from coal tar distillation, including, but not limited to, still bottoms.
K149	Distillation bottoms from the production of alpha (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzoyl chloride]
K150	Organic residuals excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha (or methyl-) chlorinated toluenes, benzoyl

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	chlorides, and compounds with mixtures of these functional groups.
K151	Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K156	Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decamtates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.).
K157	Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.).
K158	Bag house and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.).
K159	Organics from the treatment of thiocarbamate wastes.
K161	Purification soilids (including filtration, evaporation, and centrifugation soilds), bag house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (This listing does not include K125 or K126).
K169	Crude oil tank sediment from petroleum refining operations.
K170	Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations.
K171	Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (This listing does not include inert support media).
K172	Spent hydrorefining catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (This listing does not include inert support media).
K174	Wastewater treatment sludges from the production of ethylene dichloride or vinyl chloride monomer (including sludges that result from commingled ethylene dichloride or vinyl chloride monomer wastewater and other wastewater), unless the sludges meet the following conditions: (i) they are disposed of in a subtitle C or non-hazardous landfill licensed or permitted by the state or federal government; (ii) they are not otherwise placed on the land prior to final disposal; and (iii) the generator maintains documentation demonstrating that the waste was either disposed of in an on-site landfill or consigned to a transporter or disposal facility that provided a written commitment to dispose of the waste in an off-site landfill. Respondents in any action brought to enforce the requirements of subtitle C must, upon a showing by the government that the respondent managed wastewater treatment sludges from the production of vinyl chloride monomer or ethylene dichloride, demonstrate that they meet the terms of the exclusion set forth above. In doing so, they must provide appropriate documentation (*e.g.,*contracts between the generator and the landfill owner/operator, invoices documenting delivery of waste to landfill, etc.) that the terms of the exclusion were met.*
K175	Wastewater treatment sludges from the production of vinyl chloride monomer using mercuric chloride catalyst in an acetylene-based process.*

EPA HAZARDOUS WASTE CODES

(Continued)

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUALS, AND SPILL RESIDUES THEREOF – ACUTE HAZARDOUS WASTE *(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)*

Code	Waste description
P001	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%
P001	Warfarin, & salts, when present at concentrations greater than 0.3%
P002	1-Acetyl-2-thiourea
P002	Acetamide, N-(aminothioxomethyl)-
P003	2-Propenal
P003	Acrolein
P004	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)-
P004	Aldrin
P005	2-Propen-1-ol
P005	Allyl alcohol
P006	Aluminum phosphide (R,T)
P007	3(2H)-Isoxazolone, 5-(aminomethyl)-
P007	5-(Aminomethyl)-3-isoxazolol
P008	4-Aminopyridine
P008	4-Pyridinamine
P009	Ammonium picrate (R)
P009	Phenol, 2,4,6-trinitro-, ammonium salt (R)
P010	Arsenic acid H_3AsO_4
P011	Arsenic oxide As_2O_5
P011	Arsenic pentoxide
P012	Arsenic oxide As_2O_3
P012	Arsenic trioxide
P013	Barium cyanide
P014	Benzenethiol
P014	Thiophenol
P015	Beryllium powder
P016	Dichloromethyl ether
P016	Methane, oxybis[chloro-
P017	2-Propanone, 1-bromo-
P017	Bromoacetone
P018	Brucine
P018	Strychnidin-10-one, 2,3-dimethoxy-
P020	Dinoseb
P020	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
P021	Calcium cyanide
P021	Calcium cyanide $Ca(CN)_2$
P022	Carbon disulfide
P023	Acetaldehyde, chloro-
P023	Chloroacetaldehyde
P024	Benzenamine, 4-chloro-
P024	p-Chloraniline
P026	1-(o-Chlorophenyl)thiourea
P026	Thiourea, (2-chlorophenyl)-
P027	3-Chloropropionitrile
P027	Propanenitrile, 3-chloro-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P028	Benzene, (chloromethyl)-
P028	Benzyl chloride
P029	Copper cyanide
P029	Copper cyanide Cu(CN)
P030	Cyanides (soluble cyanide salts), not otherwise specified
P031	Cyanogen
P031	Ethanedinitrile
P033	Cyanogen chloride
P033	Cyanogen chloride (CN)Cl
P034	2-Cyclohexyl-4,6-dinitrophenol
P034	Phenol, 2-cyclohexyl-4,6-dinitro-
P036	Arsonous dichloride, phenyl-
P036	Dichlorophenylarsine
P037	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-
P037	Dieldrin
P038	Arsine, diethyl-
P038	Diethylarsine
P039	Disulfoton
P039	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
P040	O,O-Diethyl O-pyrazinyl phosphorothioate
P040	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
P041	Diethyl-p-nitrophenyl phosphate
P041	Phosphoric acid, diethyl 4-nitrophenyl ester
P042	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-
P042	Epinephrine
P043	Diisopropylfluorophosphate (DFP)
P043	Phosphorofluoridic acid, bis(1-methylethyl) ester
P044	Dimethoate
P044	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester
P045	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[methylamino)carbonyl] oxime
P045	Thiofanox
P046	alpha,alpha-Dimethylphenethylamine
P046	Benzeneethanamine, alpha, alpha-dimethyl-
P047	4,6-Dinitro-o-cresol, & salts
P047	Phenol, 2-methyl-4,6-dinitro-, & salts
P048	2,4-Dinitrophenol
P048	Phenol, 2,4-dinitro-
P049	Dithiobiuret
P049	Thioimidodicarbonic diamide $[(H_2N)C(S)]_2NH$
P050	6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-,3-oxide
P050	Endosulfan
P051	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)- & metabolites
P051	Endrin

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description	Code	Waste description
P051	Endrin, & metabolites	P067	Aziridine, 2-methyl-
P054	Aziridine	P068	Hydrazine, methyl-
P054	Ethyleneimine	P068	Methyl hydrazine
P056	Fluorine	P069	2-Methyllactonitrile
P057	Acetamide, 2-fluoro-	P069	Propanenitrile, 2-hydroxy-2-methyl-
P057	Fluoroacetamide	P070	Aldicarb
P058	Acetic acid, fluoro-, sodium salt	P070	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime
P058	Fluoroacetic acid, sodium salt	P071	Methyl parathion
P059	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-	P071	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester
P059	Heptachlor	P072	alpha-Naphthylthiourea
P060	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)-	P072	Thiourea, 1-naphthalenyl-
		P073	Nickel carbonyl
P060	Isodrin	P073	Nickel carbonyl $Ni(CO)_4$, (T-4)-
P062	Hexaethyl tetraphosphate	P074	Nickel cyanide
P062	Tetraphosphoric acid, hexaethyl ester	P074	Nickel cyanide $Ni(CN)_2$
P063	Hydrocyanic acid	P075	Nicotine, & salts
P063	Hydrogen cyanide	P075	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-, & salts
P064	Methane, isocyanato-	P076	Nitric oxide
P064	Methyl isocyanate	P076	Nitrogen oxide NO
P065	Fulminic acid, mercury(2+) salt (R,T)	P077	Benzenamine, 4-nitro-
P065	Mercury fulminate (R,T)	P077	p-Nitroaniline
P066	Ethanimidothioic acid, N-[[(methylamino)carbonyl]oxy]-, methyl ester	P078	Nitrogen dioxide
P066	Methomyl	P078	Nitrogen oxide NO_2
P067	1,2-Propylenimine	P081	1,2,3-Propanetriol, trinitrate (R)

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P081	Nitroglycerine (R)
P082	Methanimine, N-methyl-N-nitroso-
P082	N-Nitrosodimethylamine
P084	N-Nitrosomethylvinylamine
P084	Vinylamine, N-methyl-N-nitroso-
P085	Diphosphoramide, octamethyl-
P085	Octamethylpyrophosphoramide
P087	Osmium oxide OsO_4, (T-4)-
P087	Osmium tetroxide
P088	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
P088	Endothall
P089	Parathion
P089	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester
P092	Mercury, (acetato-O)phenyl-
P092	Phenylmercury acetate
P093	Phenylthiourea
P093	Thiourea, phenyl-
P094	Phorate
P094	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
P095	Carbonic dichloride
P095	Phosgene
P096	Hydrogen phosphide
P096	Phosphine
P097	Famphur
P097	Phosphorothioic acid O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester
P098	Potassium cyanide
P098	Potassium cyanide K(CN)
P099	Argentate (1-), bis(cyano-C)-, potassium
P099	Potassium silver cyanide
P101	Ethyl cyanide
P101	Propanenitrile
P102	2-Propyn-1-ol
P102	Propargyl alcohol
P103	Selenourea
P104	Silver cyanide
P104	Silver cyanide Ag(CN)
P105	Sodium azide
P106	Sodium cyanide
P106	Sodium cyanide Na(CN)
P108	Strychnidin-10-one, & salts
P108	Strychnine, & salts
P109	Tetraethyldithiopyrophosphate
P109	Thiodiphosphoric acid, tetraethyl ester
P110	Plumbane, tetraethyl-
P110	Tetraethyl lead
P111	Diphosphoric acid, tetraethyl ester
P111	Tetraethyl pyrophosphate
P112	Methane, tetranitro- (R)
P112	Tetranitromethane (R)

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P113	Thallic oxide
P113	Thallium oxide Tl_2O_3
P114	Selenious acid, dithallium (1+) salt
P114	Thallium(I) selenite
P115	Sulfuric acid, dithallium (1+) salt
P115	Thallium(I) sulfate
P116	Hydrazinecarbothioamide
P116	Thiosemicarbazide
P118	Methanethiol, trichloro-
P118	Trichloromethanethiol
P119	Ammonium vanadate
P119	Vanadic acid, ammonium salt
P120	Vanadium oxide V_2O_5
P120	Vanadium pentoxide
P121	Zinc cyanide
P121	Zinc cyanide $Zn(CN)_2$
P122	Zinc phosphide Zn_3P_2, when present at concentrations greater than 10% (R,T)
P123	Toxaphene
P127	7-Benzofuranol, 2-3dihydro-2,2-dimethyl-, methylcarbamate
P127	Carbofuran.
P127	7-Benzufuranol, 2, 3-dihydro-2, 2 dimethyl-, methylcarbamate
P128	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)
P128	Mexacarbate
P185	1,3-Dithiolane-2carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime.
P188	Physostigmine salicylate
P189	Carbosulfan
P189	Carbamic acid, [(dibutylamino)-thio]methyl-,2,3-dihydro-2,2dimethyl-7benzofuranyl ester.
P190	Metolcarb.
P191	Dimetilan
P191	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester.
P192	Isolan
P192	Carbamic acid, dimethyl-, 3-methyl-1- (1-methylethyl)-1H-pyrazo-5-yl ester.
P194	Ethanimidothioc acid, 2-(dimethylamino)-N-[((methylamino) carbonyl)oxy)-2-oxo-,methyl ester
P194	Oxamyl
P196	Manganese, bis(dimethylcarbamodithioato-S,S')
P196	Manganese dimethyldithiocarbamate
P197	Formparanate
P197	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4[[(methylamino)carbonyl)oxy] phenyl]
P198	Methanimidamide, N,N-dimethyl-N'-[3-[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride
P198	Formetanate hydrochloride
P199	Methiocarb.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P199	Phenol, (3,5-dimethyl-4(methlthio)-, methylcarbamate
P201	Promecarb
P201	Phenol, 3-methyl-5-(1-methylethyl)-,methyl carbamate
P202	Phenol, 3-(1 methylethyl)-, methyl carbamate
P202	3-Isopropylphenyl N-methylcarbamate
P202	m-Cumenyl methylcarbamate
P203	Aldicarb sulfone.
P203	Propanal, 2-methyl-2-(methyl-sulfonyl)-,O-[(methylamino)carbonyl]oxime
P204	Physostigmine
P204	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-trimethylmethyl-carbamate (ester), (3aS-cis)-
P205	Ziram

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF – TOXIC WASTES
(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)

	2,3,4,6-Tetrachlorophenol
	2,4,5-T
	2,4,5-Trichlorophenol
	2,4,6-Trichlorophenol
	Acetic acid, (2,4,5-trichlorophenoxy)-
	Pentachlorophenol
See F027	Phenol, 2,3,4,6-tetrachloro-
	Phenol, 2,4,5-trichloro-
	Phenol, 2,4,6-trichloro-
	Phenol, pentachloro-
	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-
	Silvex (2,4,5-TP)
U001	Acetaldehyde (I)
U001	Ethanal (I)
U002	2-Propanone (I)
U002	Acetone (I)
U003	Acetonitrile (I,T)
U004	Acetophenone
U004	Ethanone, 1-phenyl-
U005	2-Acetylaminofluorene
U005	Acetamide, N-9H-fluoren-2-yl
U006	Acetyl chloride (C,R,T)
U007	2-Propenamide
U007	Acrylamide
U008	2-Propenoic acid (I)
U008	Acrylic acid (I)
U009	2-Propenenitrile
U009	Acrylonitrile
U010	Azirino [2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[(aminocarbonyl)oxy] methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)]-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U010	Mitomycin C
U011	1H-1,2,4-Triazol-3-amine
U011	Amitrole
U012	Aniline (I,T)
U012	Benzenamine (I,T)
U014	Auramine
U014	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-
U015	Azaserine
U015	L-Serine, diazoacetate (ester)
U016	Benz[c]acridine
U017	Benzal chloride
U017	Benzene, (dichloromethyl)-
U018	Benz[a]anthracene
U019	Benzene (I,T)
U020	Benzenesulfonic acid chloride (C,R)
U020	Benzenesulfonyl chloride (C,R)
U021	[1,1'-Biphenyl]-4,4'-diamine
U021	Benzidine
U022	Benzo[a]pyrene
U023	Benzene, (trichloromethyl)-
U023	Benzotrichloride (C,R,T)
U024	Dichloromethoxy ethane
U024	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
U025	Dichloroethyl ether
U025	Ethane, 1,1'-oxybis[2-chloro-
U026	Chlornaphazin
U026	Naphthalenamine, N,N'-bis(2-chloroethyl)-
U027	Dichloroisopropyl ether
U027	Propane, 2,2'-oxybis[2-chloro-
U028	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
U028	Diethylhexyl phthalate
U029	Methane, bromo-
U029	Methyl bromide
U030	4-Bromophenyl phenyl ether
U030	Benzene, 1-bromo-4-phenoxy-
U031	1-Butanol (I)
U031	n-Butyl alcohol (I)
U032	Calcium chromate
U032	Chromic acid H_2CrO_4, calcium salt
U033	Carbon oxyfluoride (R,T)
U033	Carbonic difluoride
U034	Acetaldehyde, trichloro-
U034	Chloral
U035	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-
U035	Chlorambucil
U036	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
U036	Chlordane, alpha & gamma isomers
U037	Benzene, chloro-
U037	Chlorobenzene
U038	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester
U038	Chlorobenzilate
U039	p-Chloro-m-cresol
U039	Phenol, 4-chloro-3-methyl-
U041	Epichlorohydrin
U041	Oxirane, (chloromethyl)-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U042	2-Chloroethyl vinyl ether
U042	Ethene, (2-chloroethoxy)-
U043	Ethene, chloro-
U043	Vinyl chloride
U044	Chloroform
U044	Methane, trichloro-
U045	Methane, chloro- (I,T)
U045	Methyl chloride (I,T)
U046	Chloromethyl methyl ether
U046	Methane, chloromethoxy-
U047	beta-Chloronaphthalene
U047	Naphthalene, 2-chloro-
U048	o-Chlorophenol
U048	Phenol, 2-chloro-
U049	4-Chloro-o-toluidine, hydrochloride
U049	Benzenamine, 4-chloro-2-methyl-, hydrochloride
U050	Chrysene
U051	Creosote
U052	Cresol (Cresylic acid)
U052	Phenol, methyl-
U053	2-Butenal
U053	Crotonaldehyde
U055	Benzene, (1-methylethyl)- (I)
U055	Cumene (I)
U056	Benzene, hexahydro- (I)
U056	Cyclohexane (I)
U057	Cyclohexanone (I)
U058	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide
U058	Cyclophosphamide
U059	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-
U059	Daunomycin
U060	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-
U060	DDD
U061	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-
U061	DDT
U062	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester
U062	Diallate
U063	Dibenz[a,h]anthracene
U064	Benzo[rst]pentaphene
U064	Dibenzo[a,i]pyrene
U066	1,2-Dibromo-3-chloropropane
U066	Propane, 1,2-dibromo-3-chloro-
U067	Ethane, 1,2-dibromo-
U067	Ethylene dibromide
U068	Methane, dibromo-
U068	Methylene bromide
U069	1,2-Benzenedicarboxylic acid, dibutyl ester
U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U070	o-Dichlorobenzene
U071	Benzene, 1,3-dichloro-
U071	m-Dichlorobenzene
U072	Benzene, 1,4-dichloro-
U072	p-Dichlorobenzene

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U073	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
U073	3,3'-Dichlorobenzidine
U074	1,4-Dichloro-2-butene (I,T)
U074	2-Butene, 1,4-dichloro- (I,T)
U075	Dichlorodifluoromethane
U075	Methane, dichlorodifluoro-
U076	Ethane, 1,1-dichloro-
U076	Ethylidene dichloride
U077	Ethane, 1,2-dichloro-
U077	Ethylene dichloride
U078	1,1-Dichloroethylene
U078	Ethene, 1,1-dichloro-
U079	1,2-Dichloroethylene
U079	Ethene, 1,2-dichloro-,(E)-
U080	Methane, dichloro-
U080	Methylene chloride
U081	2,4-Dichlorophenol
U081	Phenol, 2,4-dichloro-
U082	2,6-Dichlorophenol
U082	Phenol, 2,6-dichloro-
U083	Propane, 1,2-dichloro-
U083	Propylene dichloride
U084	1,3-Dichloropropene
U084	1-Propene, 1,3-dichloro-
U085	1,2:3,4-Diepoxybutane (I,T)
U085	2,2'-Bioxirane
U086	Hydrazine, 1,2-diethyl-
U086	N,N'-Diethylhydrazine
U087	O,O-Diethyl S-methyl dithiophosphate
U087	Phosphorodithioic acid, O,O-diethyl S-methyl ester
U088	1,2-Benzenedicarboxylic acid, diethyl ester
U088	Diethyl phthalate
U089	Diethylstilbesterol
U089	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis, (E)-
U090	1,3-Benzodioxole, 5-propyl-
U090	Dihydrosafrole
U091	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
U091	3,3'-Dimethoxybenzidine
U092	Dimethylamine (I)
U092	Methanamine, N-methyl- (I)
U093	Benzenamine, N,N-dimethyl-4-(phenylazo)-
U093	p-Dimethylaminoazobenzene
U094	7,12-Dimethylbenz[a]anthracene
U094	Benz[a]anthracene, 7,12-dimethyl-
U095	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
U095	3,3'-Dimethylbenzidine
U096	alpha,alpha-Dimethylbenzylhydroperoxide (R)
U096	Hydroperoxide, 1-methyl-1-phenylethyl- (R)
U097	Carbamic chloride, dimethyl-
U097	Dimethylcarbamoyl chloride
U098	1,1-Dimethylhydrazine
U098	Hydrazine, 1,1-dimethyl-
U099	1,2-Dimethylhydrazine
U099	Hydrazine, 1,2-diphenyl-
U101	2,4-Dimethylphenol
U101	Phenol, 2,4-dimethyl-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U102	1,2-Benzenedicarboxylic acid, dimethyl ester
U102	Dimethyl phthalate
U103	Dimethyl sulfate
U103	Sulfuric acid, dimethyl ester
U105	2,4-Dinitrotoluene
U105	Benzene, 1-methyl-2,4-dinitro-
U106	2,6-Dinitrotoluene
U106	Benzene, 2-methyl-1,3-dinitro-
U107	1,2-Benzenedicarboxylic acid, dioctyl ester
U107	Di-n-octyl phthalate
U108	1,4-Diethyleneoxide
U108	1,4-Dioxane
U109	1,2-Diphenylhydrazine
U109	Hydrazine, 1,2-diphenyl-
U110	1-Propanimine, N-propyl-(I)
U110	Dipropylamine (I)
U111	1-Propanamine, N-nitroso-N-propyl-
U111	Di-n-propylnitrosamine
U112	Acetic acid, ethyl ester (I)
U112	Ethyl acetate (I)
U113	2-Propenoic acid, ethyl ester (I)
U113	Ethyl acrylate (I)
U114	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters
U114	Ethylenebisdithiocarbamic acid, salts & esters
U115	Ethylene oxide (I,T)
U115	Oxirane (I,T)
U116	2-Imidazolidinethione
U116	Ethylenethiourea
U117	Ethane, 1,1'-oxybis-(I)
U117	Ethyl ether (I)
U118	2-Propenoic acid, 2-methyl-, ethyl ester
U118	Ethyl methacrylate
U119	Ethyl methanesulfonate
U119	Methanesulfonic acid, ethyl ester
U120	Fluoranthene
U121	Methane, trichlorofluoro-
U121	Trichloromonofluoromethane
U122	Formaldehyde
U123	Formic acid (C,T)
U124	Furan (I)
U124	Furfuran (I)
U125	2-Furancarboxaldehyde (I)
U125	Furfural (I)
U126	Glycidylaldehyde
U126	Oxiranecarboxyaldehyde
U127	Benzene, hexachloro-
U127	Hexachlorobenzene
U128	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
U128	Hexachlorobutadiene
U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-
U129	Lindane
U130	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
U130	Hexachlorocyclopentadiene
U131	Ethane, hexachloro-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U131	Hexachloroethane
U132	Hexachlorophene
U132	Phenol, 2,2'-methylenebis[3,4,6-trichloro-
U133	Hydrazine (R,T)
U134	Hydrofluoric acid (C,T)
U134	Hydrogen fluoride (C,T)
U135	Hydrogen sulfide
U135	Hydrogen sulfide H_2S
U136	Arsinic acid, dimethyl-
U136	Cacodylic acid
U137	Indeno[1,2,3-cd]pyrene
U138	Methane, iodo-
U138	Methyl iodide
U140	1-Propanol, 2-methyl- (I,T)
U140	Isobutyl alcohol (I,T)
U141	1,3-Benzodioxole, 5-(1-propenyl)-
U141	Isosafrole
U142	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-
U142	Kepone
U143	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*), 7aalpha]]-
U143	Lasiocarpine
U144	Acetic acid, lead(2+) salt
U144	Lead acetate
U145	Lead phosphate
U145	Phosphoric acid, lead(2+) salt (2:3)
U146	Lead subacetate
U146	Lead, bis(acetato-O)tetrahydroxytri-
U147	2,5-Furandione
U147	Maleic anhydride
U148	3,6-Pyridazinedione, 1,2-dihydro-
U148	Maleic hydrazide
U149	Malononitrile
U149	Propanedinitrile
U150	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-
U150	Melphalan
U151	Mercury
U152	2-Propenenitrile, 2-methyl- (I,T)
U152	Methacrylonitrile (I,T)
U153	Methanethiol (I,T)
U153	Thiomethanol (I,T)
U154	Methanol (I)
U154	Methyl alcohol (I)
U155	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
U155	Methapyrilene
U156	Carbonochloridic acid, methyl ester, (I,T)
U156	Methyl chlorocarbonate (I,T)
U157	3-Methylcholanthrene
U157	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
U158	4,4'-Methylenebis(2-chloroaniline)
U158	Benzenamine, 4,4'-methylenebis[2-chloro-
U159	2-Butanone (I,T)
U159	Methyl ethyl ketone (MEK) (I,T)
U160	2-Butanone, peroxide (R,T)

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U160	Methyl ethyl ketone peroxide (R,T)
U161	4-Methyl-2-pentanone (I)
U161	Methyl isobutyl ketone (I)
U161	Pentanol, 4-methyl-
U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T)
U162	Methyl methacrylate (I,T)
U163	Guanidine, N-methyl-N'-nitro-N-nitroso-
U163	MNNG
U164	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
U164	Methylthiouracil
U165	Naphthalene
U166	1,4-Naphthalenedione
U166	1,4-Naphthoquinone
U167	1-Napthalenamine
U167	alpha-Naphthylamine
U168	2-Napthalenamine
U168	beta-Naphthylamine
U169	Benzene, nitro-
U169	Nitrobenzene (I,T)
U170	p-Nitrophenol (I,T)
U170	Phenol, 4-nitro-
U171	2-Nitropropane (I,T)
U171	Propane, 2-nitro- (I,T)
U172	1-Butanamine, N-butyl-N-nitroso-
U172	N-Nitrosodi-n-butylamine
U173	Ethanol, 2,2'-(nitrosoimino)bis-
U173	N-Nitrosodiethanolamine
U174	Ethanamine, N-ethyl-N-nitroso-
U174	N-Nitrosodiethylamine
U176	N-Nitroso-N-ethylurea
U176	Urea, N-ethyl-N-nitroso-
U177	N-Nitroso-N-methylurea
U177	Urea, N-methyl-N-nitroso-
U178	Carbamic acid, methylnitroso-, ethyl ester
U178	N-Nitroso-N-methylurethane
U179	N-Nitrosopiperidine
U179	Piperidine, 1-nitroso-
U180	N-Nitrosopyrrolidine
U180	Pyrrolidine, 1-nitroso-
U181	5-Nitro-o-toluidine
U181	Benzenamine, 2-methyl-5-nitro
U182	1,3,5-Trioxane, 2,4,6-trimethyl-
U182	Paraldehyde
U183	Benzene, pentachloro-
U183	Pentachlorobenzene
U184	Ethane, pentachloro-
U184	Pentachloroethane
U185	Benzene, pentachloronitro-
U185	Pentachloronitrobenzene (PCNB)
U186	1,3-Pentadiene (I)
U186	1-Methylbutadiene (I)
U187	Acetamide, N-(4-ethoxyphenyl)-
U187	Phenacetin
U188	Phenol
U189	Phosphorus sulfide (R)
U189	Sulfur phosphide (R)
U190	1,3-Isobenzofurandione

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U190	Phthalic anhydride
U191	2-Picoline
U191	Pyridine, 2-methyl-
U192	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
U192	Pronamide
U193	1,2-Oxathiolane, 2,2-dioxide
U193	1,3-Propane sultone
U194	1-Propanamine (I,T)
U194	n-Propylamine (I,T)
U196	Pyridine
U197	2,5-Cyclohexadiene-1,4-dione
U197	p-Benzoquinone
U200	Reserpine
U200	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl) oxy]-, methyl ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-
U201	1,3-Benzenediol
U201	Resorcinol
U202	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts
U202	Saccharin, & salts
U203	1,3-Benzodioxole, 5-(2-propenyl)-
U203	Safrole
U204	Selenious acid
U204	Selenium dioxide
U205	Selenium sulfide
U205	Selenium sulfide SeS_2 (R,T)
U206	D-Glucose, 2-deoxy-2-[[(methylnitrosoamino)-carbonyl]amino]-
U206	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-,D-
U206	Streptozotocin
U207	1,2,4,5-Tetrachlorobenzene
U207	Benzene, 1,2,4,5-tetrachloro-
U208	1,1,1,2-Tetrachloroethane
U208	Ethane, 1,1,1,2-tetrachloro-
U209	1,1,2,2-Tetrachloroethane
U209	Ethane, 1,1,2,2-tetrachloro-
U210	Ethene, tetrachloro-
U210	Tetrachloroethylene
U211	Carbon tetrachloride
U211	Methane, tetrachloro-
U213	Furan, tetrahydro-(I)
U213	Tetrahydrofuran (I)
U214	Acetic acid, thallium(1+) salt
U214	Thallium(I) acetate
U215	Carbonic acid, dithallium(1+) salt
U215	Thallium(I) carbonate
U216	Thallium chloride Tlcl
U216	Thallium(I) chloride
U217	Nitric acid, thallium(1+) salt
U217	Thallium(I) nitrate
U218	Ethanethioamide
U218	Thioacetamide
U219	Thiourea
U220	Benzene, methyl-
U220	Toluene
U221	Benzenediamine, ar-methyl-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U221	Toluenediamine
U222	Benzenamine, 2-methyl-, hydrochloride
U222	o-Toluidine hydrochloride
U223	Benzene, 1,3-diisocyanatomethyl- (R,T)
U223	Toluene diisocyanate (R,T)
U225	Bromoform
U225	Methane, tribromo-
U226	Ethane, 1,1,1-trichloro-
U226	Methyl chloroform
U227	1,1,2-Trichloroethane
U227	Ethane, 1,1,2-trichloro-
U228	Ethene, trichloro-
U228	Trichloroethylene
U234	1,3,5-Trinitrobenzene (R,T)
U234	Benzene, 1,3,5-trinitro-
U235	1-Propanol, 2,3-dibromo-, phosphate (3:1)
U235	Tris(2,3,-dibromopropyl) phosphate
U236	2,7-Naphthalenedisulfonic acid,3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt
U236	Trypan blue
U237	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-
U237	Uracil mustard
U238	Carbamic acid, ethyl ester
U238	Ethyl carbamate (urethane)
U239	Benzene, dimethyl- (I,T)
U239	Xylene (I)
U240	2,4-D, salts & esters
U240	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters
U240	Dichlorophenoxyacetic acid 2,4-D
U243	1-Propene, 1,1,2,3,3,3-hexachloro-
U243	Hexachloropropene
U244	Thioperoxydicarbonic diamide $[(H_2N)C(S)]_2S_2$, tetramethyl-
U244	Thiram
U246	Cyanogen bromide (CN)Br
U247	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-
U247	Methoxychlor
U248	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less
U248	Warfarin, & salts, when present at concentrations of 0.3% or less
U249	Zinc phosphide Zn_3P_2, when present at concentrations of 10% or less
U271	Benomyl
U278	Bendiocarb
U278	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate
U279	Carbaryl
U279	1-Naphthalenol, methylcarbamate
U280	Barban
U280	Carbamic acid, (3-chlorophenol)-, 4-chloro-2-butynyl ester
U328	Benzenamine, 2-methyl-
U328	o-Toluidine
U353	Benzenamine, 4-methyl-
U353	p-Toluidine
U359	Ethanol, 2-ethoxy-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U359	Ethylene glycol monoethyl ether
U364	1,3-Benzodioxol-4ol, 2,2-dimethyl
U364	Bendiocarb phenol
U367	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-
U367	Carbofuran phenol
U372	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester
U372	Carbendazim
U373	Carbamic acid, phenyl-, 1-methylethyl ester
U373	Propham
U387	Carbamothiocic acid, dipropyl-, S-(phenylmethyl) ester
U387	Prosulfocarb
U389	Triallate
U389	Carbamothiocic acid, bis (1-methylethyl)-, S-(2,3,3-trichloro-2propenyl) ester
U394	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo, methyl ester
U394	A2213
U395	Diethylene glycol, dicarbamate
U395	Ethanol, 2, 2;-oxybis-,dicarbamate
U404	Ethanamine, N, N-diethyl-
U404	Triethylamine
U408	2,4,6-Tribromophenol
U409	Thiophanate-methyl
U409	Carbamic acid, (1,2-phenylenebis (iminocarbonothioyl)]bis-, dimethyl ester
U410	Ethanimidothioci acid, N, N'-(thiobis[(methylimino)carbonyloxy])bis-, dimethyl ester
U411	Propoxur
U411	Phenol, 2-(-1-methylethoxy)-, methylcarbamate

***** The EPA updated this list of EPA hazardous waste codes as of November 2000. The EPA anticipates promulgating two listings for wastes generated by the chlorinated aliphatics industry (K174 and K175) later this fall. The effective date of the listings will be six months after promulgation. For purposes of the 2001 Hazardous Waste Report, you should report only K174 and K175 hazardous wastes that you generated **after** the effective date of the rule.

SOURCE CODES

Source codes describe the type of process or activity (i.e., source) from which a hazardous waste was generated.

Code	Source Code Group	Corresponding Codes from 1999 Hazardous Waste Report*
	Wastes from Ongoing Production and Service Processes	
G01	Dip, flush or spray rinsing	A04, A05, A06, A31
G02	Stripping and acid or caustic cleaning	A01, A02,A03
G03	Plating and phosphating	A22, A23, A24
G04	Etching	A27
G05	Metal forming and treatment (pickling, heat treating, etc.)	A25, A26, A40
G06	Painting and coating	A21, A29
G07	Product and by-product processing	A32, A35, A41, A49
G08	Removal of spent process liquids or catalysts	A36, A37
G09	Other production or service-related processes (specify in comments)	A49, A29, A07, A08, A19
	Other Intermittent Events or Processes	
G11	Discarding off-specification or out-of-date chemicals or products	A57, A58
G12	Lagoon or sediment dragout and leachate collection	New
G13	Cleaning out process equipment	A09
G14	Removal of tank sludge, sediments or slag	A38, A39, A60
G15	Process equipment change-out or discontinuation of equipment use	A56
G16	Oil changes and filter or battery replacement	A54, A55
G19	Other one-time or intermittent processes (specify in comments)	A59, A60, A91
	Pollution Control and Waste Management Process Residuals	
G21	Air pollution control devices (baghouse dust, etc.)	A78
G22	Laboratory analytical wastes (used chemicals)	A94
G23	Wastewater treatment (sludge, filter cake, etc.)	A75
G24	Solvent or product distillation or recovery (sludge, waste)	A33, A34, A73
G25	Hazardous waste management - indicate management method	A71-A74, A76, A77, A89
G26	Storage and disposal unit leachate collection	A79
	Spills and Accidental Releases	
G31	Accidental contamination of products, materials or containers	NEW
G32	Cleanup of spill residues	A53
G33	Leak collection and floor sweeping	A51, A92
G39	Other cleanup of current contamination (specify in comments)	NEW
	Remediation of Past Contamination	
G41	Closure of hazardous waste management unit under RCRA	A64
G42	Corrective action at a solid waste management unit under RCRA	A63
G43	Remedial action or emergency response under Superfund	A61, A62
G44	State program or voluntary cleanup	A93, New
G45	Underground storage tank cleanup	A65
G49	Other remediation (specify in comments)	A69
	Waste Not Physically Generated On Site	
G61	Hazardous waste received from off site for storage/bulking and transfer off site for treatment or disposal	A89, NEW (Origin = 4)
G62	Hazardous waste received from a foreign country (other than a foreign Department of Defense site, Maquiladora, US territory or protectorate). This site was the generator of record.	NEW

* For clarification only. Use the Source codes in the left column of the table only (i.e., codes beginning G__).

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FORM CODES

Form codes describe the general physical and chemical characteristics of a hazardous waste.

Code	Form Code Group	Corresponding Codes from 1999 Hazardous Waste Report*
	Mixed Media/Debris/Devices - Waste that is a mixture of organic and inorganic wastes, liquid and solid wastes, or devices that are not easily categorizable	
W001	Lab packs with no acute hazardous waste	B001, B003, B009
W002	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, other solids	B002, B406, NEW
W004	Lab packs containing acute hazardous waste	B004
W301	Contaminated soil	B301, B302,
W309	Batteries, battery parts, cores, casings	B309
W310	Filters, solid adsorbents, ion exchange resins and spent carbon	B310, B404
W320	Electrical devices (lamps, thermostats, CRTs, etc.)	NEW
W512	Sediment or lagoon dragout, drilling or other muds	B512, B513, B514
W801	Compressed gases	B701, B801
	Inorganic Liquids - Waste that is primarily inorganic and highly fluid (e.g., aqueous), with low suspended inorganic solids and low organic content	
W101	Very dilute aqueous waste containing more than 99% water	B101, B102, B114, B116
W103	Spent concentrated acid	B103, B104
W105	Acidic aqueous wastes less than 5% acid	B105
W107	Aqueous waste containing cyanides	B107, B108
W110	Caustic aqueous waste without cyanides	B106, B109, B110
W113	Other aqueous waste or wastewaters	B111, B112, B113, B115
W117	Waste liquid mercury	B117
W119	Other inorganic liquid (specify in comments)	B119
	Organic Liquids - Waste that is primarily organic and is highly fluid, with low inorganic solids content and low-to-moderate water content	
W200	Still bottoms in liquid form	B601, B602, NEW
W202	Concentrated halogenated (e.g., chlorinated) solvent	B202
W203	Concentrated non-halogenated (e.g., non-chlorinated) solvent	B203
W204	Concentrated halogenated/ non-halogenated solvent mixture	B204, B201
W205	Oil-water emulsion or mixture	B205
W206	Waste oil	B206
W209	Paint, ink, lacquer, or varnish	B209
W210	Reactive or polymerizable organic liquids and adhesives	B210, B212
W211	Paint thinner or petroleum distillates	B211
W219	Other organic liquid (specify in comments)	B207, B208, B219

FORM CODES
(Continued)

Code	Form Code Group	Corresponding Codes from 1999 Hazardous Waste Report*
	Inorganic Solids - Waste that is primarily inorganic and solid, with low organic content and low-to-moderate water content; not pumpable	
W303	Ash	B303
W304	Slags, drosses, and other solid thermal residues	B303, B304
W307	Metal scale, filings and scrap (including metal drums)	B307, B308
W312	Cyanide or metal cyanide bearing solids, salts or chemicals	B312, B313
W316	Metal salts or chemicals not containing cyanides	B316,
W319	Other inorganic solids (specify in comments)	B311, B319, B314, B315
	Organic Solids - Waste that is primarily organic and solid, with low-to-moderate inorganic content and water content; not pumpable	
W401	Pesticide solids	B401, B402
W403	Solid resins, plastics or polymerized organics	B403
W405	Explosives or reactive organic solids	B405
W409	Other organic solids (specify in comments)	B407, B409
	Inorganic Sludges - Waste that is primarily inorganic, with moderate-to-high water content and low organic content; mostly pumpable	
W501	Lime and/or metal hydroxide sludges and solids with no cyanides	B501, B502, B305, B306
W503	Gypsum sludges from wastewater treatment or air pollution control	B503
W504	Other sludges from wastewater treatment or air pollution control	B504, B511
W505	Metal bearing sludges (including plating sludge) not containing cyanides	B505, B510
W506	Cyanide-bearing sludges	B506, B507
W519	Other inorganic sludges (specify in comments)	B508, B509, B515, B516, B519, B607
	Organic Sludges - Waste that is primarily organic with low-to-moderate inorganic solids content and water content; pumpable	
W603	Oily sludge	B603
W604	Paint or ink sludges, still bottoms in sludge form	B601, B602, B604
W606	Resins, tars, polymer or tarry sludge	B605, B606
W609	Other organic sludge (specify in comments)	B608, B609

* For clarification only. Use the Form codes in the left column of the table only (i.e., codes beginning W___).

MANAGEMENT METHOD CODES

Management Method codes describe the type of hazardous waste management system used to treat or dispose a hazardous waste.

Code	Management Method Code Group	Corresponding Codes from 1999 Hazardous Waste Report*
Reclamation and Recovery		
H010	Metals recovery including retorting, smelting, chemical, etc.	M011-M019
H020	Solvents recovery	M021-M029, M104
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc. (specify in comments)	M031-M039
H050	Energy recovery at this site - use as fuel (includes on-site fuel blending)	M051-M059
H061	Fuel blending prior to energy recovery at another site	M061
Destruction or Treatment Prior to Disposal at Another Site		
H040	Incineration - thermal destruction other than use as a fuel	M041-49
H071	Chemical reduction with or without precipitation	M071
H073	Cyanide destruction with or without precipitation	M073
H075	Chemical oxidation	M075
H076	Wet air oxidation	M076, M084, M093
H077	Other chemical precipitation with or without pre-treatment	M072, M074, M077
H081	Biological treatment with or without precipitation	M081, M091
H082	Adsorption	M082, M092, M103
H083	Air or steam stripping	M083
H101	Sludge treatment and/or dewatering	M101, M102, M109
H103	Absorption	M103
H111	Stabilization or chemical fixation prior to disposal at another site	M111
H112	Macro-encapsulation prior to disposal at another site	M112, NEW
H121	Neutralization only	M121
H122	Evaporation	M122
H123	Settling or clarification	M123
H124	Phase separation	M124
H129	Other treatment (specify in comments)	M078, M079, M085, M089, M094, M099, M119, M125, M129
Disposal		
H131	Land treatment or application (to include on-site treatment and/or stabilization)	M131
H132	Landfill or surface impoundment that will be closed as landfill (to include on-site treatment and/or stabilization)	M132, M133
H134	Deepwell or underground injection (with or without treatment)	M134
H135	Discharge to sewer/POTW or NPDES (with prior storage - with or without treatment)	M135, M136
Storage and Transfer		
H141	Storage, bulking, and/or transfer off site - no treatment/recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at this site	M141

* For clarification only. Use the Management Method codes in the left column only (i.e., codes beginning H___).

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STATE/REGIONAL OFFICE CONTACT INFORMATION

Please return your 2001 Hazardous Waste Report to the appropriate State or Regional Office listed below. Call or email the contact identified below for additional information (e.g., if you need a street address instead of a P.O. Box number). The list of contacts is up-to-date as of July 2001. Please refer to the following web site for a more updated list of EPA Regional and State contact information: http://www.epa.gov/epaoswer/hazwaste/data/brs01/forms.htm.

Note: Some States use the Federal Form, while others use a State Form. This information is listed below.

STATE	ADDRESS	CONTACT
Alabama (Federal Form)	AL Department of Environmental Management Alabama Land Division – Report Section P.O. Box 301463 Montgomery, AL 36130-1463	For form mail-out: C. Edwin Johnston cej@adem.state.al.us For technical questions: Steve Maurer scm@adem.state.al.us
Alaska (Federal Form)	EPA Region 10 Office of Waste and Chemical Management 1200 Sixth Avenue, WCM-122 Seattle, WA 98101	Suzanne Salcido (800) 550-7272 (in-state) (206) 553-8511 salcido.susanne@epa.gov
Arizona **(**Federal Form)	Arizona DEQ Waste Programs Division Hazardous Waste Section Tech Programs Unit 3033 N. Central Avenue Phoenix, AZ 85012	Kathy Feliberty (602) 207-4214 KDF@ev.state.az.us
Arkansas (State Form)	Arkansas Department of Environmental Quality Hazardous Waste Division P.O. Box 8913 Little Rock, AR 72219-8913	Cindy Harmon (501) 682-0863 harmon@adeq.state.ar.us
California (Federal Form)	CA Department of Toxic Substances Control Office of Env. Info. Management (OEIM) P.O. Box 806 Sacramento, CA 95812-0806	Frank Lauricella (916) 323-2964 (916) 327-4495 (fax) FLaurice@dtsc.ca.gov
Colorado (Federal Form)	Colorado Dept. of Public Health and Environ. HWMMD (Mailcode HMWMD-CP-B2) 4300 Cherry Creek Drive, South Denver, CO 80246-1530	Mira Neumiller (303) 692-3350 mira.neumiller@state.co.us Katherine Wahlberg (303) 692-3372
Connecticut (Federal Form)	Connecticut Dept. of Environmental Protection Bureau of Waste Management 79 Elm Street (4th Floor) Hartford, CT 06106	David Westcott (860) 424-3666 david.westcott@po.state.ct.us Inga Rubecka (860) 424-3359 inga.rubecka@po.state.ct.us
Delaware (Federal Form)	Delaware Department of Natural Resources and Environmental Control Hazardous Waste Management Branch 89 Kings Highway Dover, DE 19901	Jane Frank (302) 739-3689 jfrank@DNREC.state.de.us

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
District of Columbia LQGs must use Federal form. If less than 1,000 kg, District forms are used.	DC Department of Health Environmental Health Administration Bureau of Haz. Mat. and Toxic Substances Hazardous Waste Division 51 N Street, NE, 3rd Floor Washington, D.C. 20002	Mark Hughes (202) 535-2285 mhughes@dchealth.com
Florida (Federal Form)	Florida DEP Hazardous Waste Management Section (MS-4555) 2600 Blair Stone Road Tallahassee, FL 32399-2400	Jack Griffith (850) 921-9219 john.griffith@DEP.state.fl.us
Georgia (Federal Form)	Georgia Department of Natural Resources Hazardous Waste Management Branch Floyd Towers East, Suite 1154 205 Butler Street, S.E. Atlanta, GA 30334	Verona Barnes (404) 656-7802 verona_barnes@mail.DNR.state.ga.us
Guam (Federal Form)	U.S. EPA Region 9 75 Hawthorne Street San Francisco, CA 94105 ATTN: Biennial Report Coordinator	Ramon Mendoza (415) 744-1591 mendoza.ramon@epa.gov
Hawaii (Federal Form)	Hawaii Department of Health Solid & Hazardous Waste Branch 919 Ala Moana Boulevard, #212 Honolulu, HI 96814	Gracelda Simmons (808) 586-4225 or 4240 gsimmons@eha.health.state.hi.us
Idaho (Federal Form)	Idaho Dept of Environmental Quality 1410 North Hilton, 2nd Floor Boise, ID 83706	Rene' Anderson (208) 373-0210
Illinois (State Form)	Illinois EPA 1021 North Grand Avenue East P.O. Box 19276 Springfield, IL 62794-9276	Hope Wright (217) 785-2361 hope.wright@epa.state.il.us
Indiana (State Form)	Office of Land Quality Indiana Dept. of Environmental Management 100 North Senate Avenue P.O. Box 7035 Indianapolis, IN 46207-7035	Jenny Ranck Dooley (317) 232-8925 jrdooley@DEM.state.in.us
Iowa (Federal Form)	U.S. EPA Region 7 ARTD/RESP 901 N. Fifth Street Kansas City, KS 66101	Beth Koesterer (913) 551-7673 koesterer.elizabeth@epa.gov
Kansas (State Form)	Kansas Department of Health and Environment Bureau of Waste Management Forbes Field, Building 740 6700 South Topeka Boulevard Topeka, KS 66620-0001	David Branscum (785) 296-6898 dbranscu@KDHE.state.ks.us

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
Kentucky (State Form)	Kentucky Environmental Protection Dept. Division of Waste Management Hazardous Waste Branch ATTN: Annual Report Coordinator 14 Reilly Road Frankfort, KY 40601	Annual Report Coordinator (502) 564-6716
Louisiana (State Form)	Louisiana Dept. of Environmental Quality Environmental Assistance Division 7290 Bluebonnet, 2nd Floor-P.O. Box 82135 Baton Rouge, LA 70884-2135	Joyce Metoyer (225) 765-0144 j_metoyer@DEQ.state.la.us
Maine (Federal Form)	Maine Department of Environmental Protection BRWM State House Station 17 Ray Building/Hospital Street Augusta, ME 04333-0017	Cherrie Plummer (207) 287-7882 cherrie.f.plummer@state.me.us
Maryland (Federal Form)	Maryland Department of the Environment Waste Mgmt. Admin./Haz. Waste Program 2500 Broening Highway Baltimore, MD 21224	Emily Troyer (410) 631-3344
Massachusetts (Federal Form)	Massachusetts Department of Environmental Protection Division of Hazardous Waste One Winter Street, 8th Floor Boston, MA 02108	Beth McDonough (617) 574-6895 beth.mcdonough@state.ma.us
Michigan (Federal Form)	Michigan Department of Environmental Quality Waste Management Division P.O. Box 30241 Lansing, MI 48909	Biennial Report Prg. Coord. (517) 373-2720
Minnesota (Federal Form)	Minnesota Pollution Control Agency Water and Waste Prevention Unit Policy and Planning Division 520 Lafayette Road, North St. Paul, MN 55155	Sally Patrick (651) 297-4786 sally.patrick@pca.state.mn.us
Mississippi (Federal Form)	Mississippi Dept. of Environmental Quality Hazardous Waste Division 2380 Highway 80 West, P.O. Box 10385 Jackson, MS 39289-0385	Charles Rogers (601) 961-5368 chip_rogers@deq.state.ms.us
Missouri (Federal Form)	Missouri Department of Natural Resources P.O. Box 176 Jefferson City, MO 65102	John Beard (573) 751-4566 nrbearj@mail.dnr.state.mo.us
Montana (Federal Form)	Montana Department of Environmental Quality Permitting and Compliance Division Air and Waste Management Bureau P.O. Box 200901 Helena, MT 59620-0901	Mark Hall (406) 444-4096 mahall@state.mt.us

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
Navajo Nation (Federal Form)	The Navajo Nation Navajo EPA P.O. Box 339 Window Rock, AZ 86515	Ronnie Ben (520) 871-7995 rbennepa@hotmail.com
Nebraska (Federal Form)	Nebraska Department of Environmental Quality 1200 N Street, Suite 400 P.O. Box 98922 Lincoln, NE 68509-8922	Teri Swarts (402) 471-4217 teri.swarts@NDEQ.state.ne.us
Nevada (Federal Form)	Nevada Div. of Environmental Protection Bureau of Waste Management 333 West Nye Lane Rm. 138 Carson City, NV 89706-0851	Alene Coulson (775) 687-4670, ext. 3006 acoulson@NDEP.carson-city.nv.us
New Hampshire (Federal Form)	New Hampshire Department of Environmental Services P.O. Box 95 6 Hazen Drive Concord, NH 03301	Ray Gordon - (603) 271-6350 rgordon@des.state.nh.us Amy Culberson - (603) 271-5186 aculbers@des.state.nh.us
New Jersey (Federal Form)	New Jersey Dept. of Environmental Protection Hazardous Waste Report Unit 401 E. State Street P.O. Box 414 Trenton, NJ 08625	Richard Johnson (609) 292-7081
New Mexico (Federal Form)	New Mexico Hazardous and Radioactive Materials Bureau Environmental Department P.O. Box 26110 Santa Fe, NM 87502	Linda Montoya (505) 827-1557 linda_@nmem.state.mn.us
New York (State Form)	NY Dept. Of Environmental Conservation Reporting Section 50 Wolf Road Room 488 Albany, NY 12233-7250	Ernie Robbins (518) 457-0532 ejrobbin@gw.dec.state.ny.us
North Carolina (Federal Form)	North Carolina DENR Division of Waste Management P.O. Box 29603 Raleigh, NC 27611-9603	Jim Edwards (919) 733-2178 ext. 209
North Dakota (Federal Form)	North Dakota Department of Health P.O. Box 5520 Bismarck, ND 58506-5520	Christine Roob (701) 328-5166 croob@state.nd.us
Ohio (State Form)	Ohio EPA Division of Hazardous Waste Management P.O. Box 1049 Columbus, OH 43216-1049	Tammy Heffelfinger (614) 644-2954 t.heffelfinger@epa.state.oh.us

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
Oklahoma (Federal Form)	Oklahoma Dept. of Environmental Quality Waste Management Division 707 North Robinson Avenue Oklahoma City, OK 73102	Gail Hamill (405) 702-5191 gail.hamill@deqmail.state.ok.us
Oregon (State Form)	Oregon DEQ 811 SW Sixth Avenue Portland, OR 97204-1390	Chris Pickens (503) 229-6352 pickens.chris@deq.state.or.us
Pennsylvania (Federal Form)	Pennsylvania DEP P.O. Box 8550 Harrisburg, PA 17105-8550 For UPS or FedEx: 400 Market Street Harrisburg, PA 17101	Robert Finkel (717) 783-9183 finkel.robert@dep.state.pa.us
Puerto Rico (Federal Form)	Puerto Rico Environmental Quality Board P.O. Box 11488 San Turce, PR 00910	Pedro Marin (787) 767-8181
Rhode Island (Federal Form)	Rhode Island DEM Office of Waste Management 235 Promenade Street Providence, RI 02908-5767	Mark Dennen (401) 222-2797, ext. 7112 mdennen@dem.state.ri.us
South Carolina (State Form)	SC Dept. Of Heatlh and Environmental Control Bureau of Land and Waste Management 2600 Bull Street Columbia, SC 29201-1708	Lisa Yeager (803) 896-4138 yeageres@columb34.ehec.state.sc.us
South Dakota (Federal Form)	SD Dept. of Env. and Natural Resources Waste Management Program 523 East Capitol Avenue Pierre, SD 57501	Trish Kindt (605) 773-3329 trish.kindt@state.sd.us
Tennessee (State Form)	Tennessee Dept. of Environ. and Conservation Division of Solid Waste Management 401 Church Street , 5th Floor Nashville, TN 37243-1535	Receptionist will direct you to the appropriate person (615) 532-0780
Texas (State Form)	Texas Natural Resource Conservation Commission (TNRCC) Evaluation Section MC 129 P.O. Box 13087 Austin, TX 78711-3087	Carol Gensweider (512) 239-6832 cgenswei@tnrcc.st.tx.us
Trust Territories (Federal Form)	U.S. EPA Region 9 75 Hawthorne Street San Francisco, CA 94105 ATTN: Biennial Report Coordinator	Ramon Mendoza (415) 744-1591 mendoza.ramon@epa.gov
Utah (Federal Form)	Utah Dept. Of Environmental Quality 288 North 1460 West P.O. Box 144880 Salt Lake City, UT 84114-4880	Jim Smith (801) 538-7061 jwsmith@deq.state.ut.us
Vermont (Federal Form)	VT Dept. Of Env. Conservation 103 South Main Street/West Building Waterbury, VT 05671-0404	Maria Stadlmayer (802) 241-3881 marias@dec.anr.state.vt.us

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
Virgin Islands (Federal Form)	U.S. EPA Region 2 290 Broadway New York, NY 10007-1866	Patricia Rosa (212) 637-4121
Virginia (Federal Form)	Virginia Department of Environmental Quality OTA/Waste P.O. Box 10009 629 East Main Street Richmond, VA 23219	Christian Braun (804) 698-4177
Washington (State Form)	Washington State Department of Ecology P.O. Box 47600 Olympia, WA 98504-7600	Jean Rushing (360) 407-6732 jeru461@ecy.wa.gov
West Virginia (Federal Form)	West Virginia DEP 1356 Hansford Street Charleston, WV 25301-1401	Carroll D. Cather (304) 558-5989 ccather@mail.dep.state.wv.us
Wisconsin (State Form)	Wisconsin Dept. of Natural Resources 101 South Webster Street P.O. Box 7921 Madison, WI 53707-7921	Receptionist will direct you to appropriate WIDNR Regional Office (608) 266-2111
Wyoming (Federal Form)	WY Dept. of Environmental Quality Solid & Hazardous Waste Division 122 West 25th Street Cheyenne, WY 82002	Tim Link (307) 777-7752 tlink@state.wy.us

APPENDIX A

EXAMPLES OF COMPLETED 2001 HAZARDOUS WASTE REPORT FORMS

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EXAMPLES OF COMPLETED 2001 HAZARDOUS WASTE REPORT FORMS

This appendix contains hypothetical examples of completed 2001 Hazardous Waste Report forms for two sites: Refrigerator, Inc. and TSD Handler, Inc. These examples are for illustrative purposes only and are not intended to cover all possible situations. In addition, information in the examples is fictitious and does not represent any known companies.

- Example 1 is for a RCRA large quantity generator (LQG), Refrigerator, Inc., that treated some of its hazardous waste on site and shipped the remainder of its hazardous waste off site for treatment, disposal, or recycling.

- Example 2 is for a RCRA treatment, storage, and disposal facility, TSD Handler, Inc.

The following information is provided for each example:

- A description of the hazardous waste activities at the site;

- An explanation of each relevant Hazardous Waste Report form for the site; and

- A completed copy of each Hazardous Waste Report form for the site.

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EXAMPLE 1
Refrigerator, Inc.

Refrigerator, Inc. is a company that specializes in manufacturing refrigerators. In 2001, as part of its manufacturing processes, Refrigerator, Inc. generated more than 1,000 kg (2,200 pounds) of RCRA hazardous waste in a calendar month. Thus, the site is considered an LQG. One of the hazardous wastes generated by Refrigerator, Inc. was managed on site. The remaining hazardous wastes were shipped off site for management.

Hazardous waste generated by Refrigerator, Inc. in 2001 and managed on site consisted of 650 gallons of spent toluene used to clean paint lines. After generation, the spent toluene was taken directly to the company's on-site distillation unit in order to recover the spent toluene. The distillation unit generated 50 gallons of residual waste solvent distillation bottoms, which were shipped off site for treatment and disposal.

Hazardous wastes generated by Refrigerator, Inc. in 2001 and shipped off site for treatment, disposal, or recycling include:

- 50 gallons of residual waste solvent distillation bottoms;
- 450 gallons of waste halogenated solvent tetrachloroethylene generated from degreasing parts;
- 550 tons of wastewater treatment sludge generated from electroplating operations; and
- 1,500 gallons of corrosive waste generated from stripping operations, which were shipped off site to a publicly owned treatment works (POTW) facility (not a direct discharge to the POTW).

Forms Completed by Refrigerator, Inc.

Site ID Form

All sites required to submit the 2001 Hazardous Waste Report must fill out a Site ID Form. Therefore, Refrigerator, Inc. (a fictitious site) completed a Site ID Form.

Form GM

A site required to submit the 2001 Hazardous Waste Report must fill out Form GM for the RCRA hazardous waste that is generated and managed on site, or generated on site and shipped off site for management. Directions regarding what hazardous waste must be reported are discussed elsewhere in this booklet. Reporting on the Form GM may be at the individual process level, at the manifest shipment level, or at the cumulative waste code level (within the reporting cycle).

Therefore, Refrigerator, Inc. completed five GM forms for the following RCRA hazardous wastes:

- 650 gallons of waste toluene generated from the cleaning of paint lines, which was distilled on site, and the resulting 50 gallons of waste solvent distillation bottoms (residuals) shipped off site (two GM forms needed: one form for the waste toluene distilled on site and one form for the toluene distillation still bottoms (residuals));
- 450 gallons of waste halogenated solvent tetrachloroethylene generated from degreasing parts and shipped off site to two treatment, storage, and disposal facilities (TSDFs) (one of these facilities is TSD Handler, Inc.; see Example 2);
- 550 tons of wastewater treatment sludge generated from electroplating operations and shipped off site to two TSDFs; and
- 1,500 gallons of corrosive waste generated from stripping operations and shipped off site to a POTW facility (not a direct discharge to the POTW).

Forms Completed by Refrigerator, Inc.

Site ID Form

Item 1 Reason for submittal. An "X" is placed in the appropriate box indicating that the Site ID Form is being submitted as a component of the Hazardous Waste Report.

Item 2 Site EPA ID number. The site's EPA ID number, *ABD910848737,* is entered in Item 2.

Item 3 Name of site. The legal name of the site, *Refrigerator, Inc.,* is entered.

Item 4 Location of site. The complete location address is entered: *200 N. Washington Street, RCRA City, RCRA County, AB, 88899*. [Note that the address entered in Item 4 must be a physical address, not a post office box or route number.]

Item 5 Site land type. Item 5 is left blank because the site is not required to complete it as part of the Hazardous Waste Report.

Item 6 NAICS code. The NAICS codes that best describe the activities conducted at the site are entered in order of descending importance: *335222* (i.e., household refrigerator and home freezer manufacturing), *332813* (i.e., electroplating, plating, polishing, anodizing, and coloring), and *332999* (i.e., all other miscellaneous fabricated metal product manufacturing).

Item 7 Site mailing address. Because the site mailing address and the location of site (Item 4) are the same, *Same* is entered in Item 7.

Item 8 Site contact. The name, business telephone number, and extension of the person who should be contacted regarding the information submitted in the Site ID Form is entered: *John R. Smith, (999) 684-8000, ext. 410*.

Item 9 Owner and/or operator of the site. Item 9 is left blank because the site is not required to complete it as part of the Hazardous Waste Report.

Site ID Form (continued)

Item 10 Type of regulated waste activity. The site completes **Box A** because it generated and recycled RCRA hazardous waste during 2001. An "X" is placed in **Box A.1.a** (i.e., LQG) because the site generated more than 1,000 kg (2,200 lbs) of RCRA hazardous waste in a calendar month, during one or more months in 2001. An "X" also is placed in **Box A.4** because the site recycled hazardous waste (i.e., spent toluene) on site in 2001. **Boxes A.2, A.3, A.5, A.6, B, and C** are left blank because they are not applicable to the hazardous waste activities conducted at the site during 2001. **[Note: In 2001, the site did not store the spent toluene before distillation. Therefore, the site is <u>not</u> considered a treater, storer, or disposer of hazardous waste (i.e., Box A.3 was not checked).]**

Item 11 Description of hazardous wastes. Item 11 is left blank because the site is not required to complete it as part of the Hazardous Waste Report.

Item 12 Comments. The site had no additional comments. Therefore, Item 12 is left blank.

Item 13 Certification. The certification is signed and completed by the authorized representative of the site (i.e., the person responsible for the overall operation of the site): *John R. Smith, Plant Manager, 02/11/2002*.

[Note: The site entered its EPA ID number (*ABD910848737*) in the top right-hand corner of pages 2 and 3 of the Site ID Form.]

OMB#: 2050-0175 Expires 12/31/2003

MAIL THE COMPLETED FORM **TO:** The Appropriate EPA Regional or State Office.	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM**	

1. Reason for Submittal (see instructions on page 10) CHECK CORRECT BOX(ES)	**Reason for Submittal**: ❑ To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities). ❑ To provide subsequent notification (to update site identification information). ❑ As a component of a First RCRA Hazardous Waste Part A Permit Application. ❑ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____). ☒ As a component of the Hazardous Waste Report.		
2. Site EPA ID Number (see instructions on page 11)	**EPA ID Number:** ABD910848737		
3. Site Name (see instructions on page 11)	**Legal Name:** Refrigerator, Inc.		
4. Site Location Information (see instructions on page 11)	**Street Address:** 200 N. Washington Street		
	City, Town, or Village: RCRA City		**State:** AB
	County Name: RCRA County		**Zip Code:** 88899
5. Site Land Type (see instructions on page 11)	**Site Land Type:** ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		
6. North American Industry Classification System (NAICS) Code(s) for the Site (see instructions on page 11)	**A.** 335222	**B.** 332813	
	C. 332999	**D.**	
7. Site Mailing Address (see instructions on page 12)	**Street or P. O. Box:** Same		
	City, Town, or Village:		
	State:		
	Country:		**Zip Code:**
8. Site Contact Person (see instructions on page 12)	**First Name:** John	**MI:** R.	**Last Name:** Smith
	Phone Number: (999) 684-8000		**Phone Number Extension:** 410
9. Legal Owner and Operator of the Site (see instructions on pages 12 and 13)	**A. Name of Site's Legal Owner:**		**Date Became Owner (mm/dd/yyyy):**
	Owner Type: ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		
	B. Name of Site's Operator:		**Date Became Operator (mm/dd/yyyy):**
	Operator Type: ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		

OMB#: 2050-0175 Expires 12/31/2003

EPA ID No.	A	B	D	9	1	0	8	4	8	7	3	7

10. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. See instructions on pages 13, 14, 15, and 16)

A. Hazardous Waste Activities

1. Generator of Hazardous Waste
(choose only one of the following three categories)

☒ a. LQG: Greater than 1,000 kg/mo (2,200 lbs.) of non-acute hazardous waste; or

❑ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs.) of non-acute hazardous waste; or

❑ c. CESQG: Less than 100 kg/mo of non-acute hazardous waste

In addition, indicate other generator activities (check all that apply)

❑ d. United States Importer of Hazardous Waste

❑ e. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 6, check all that apply:

❑ **2. Transporter of Hazardous Waste**

❑ **3. Treater, Storer, or Disposer of Hazardous Waste (at your site)** Note: A hazardous waste permit is required for this activity.

☒ **4. Recycler of Hazardous Waste (at your site)** Note: A hazardous waste permit may be required for this activity.

5. Exempt Boiler and/or Industrial Furnace

❑ a. Small Quantity On-site Burner Exemption

❑ b. Smelting, Melting, Refining Furnace Exemption

❑ **6. Underground Injection Control**

B. Universal Waste Activities

1. Large Quantity Handler of Universal Waste [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (check all boxes that apply):

	Generated	Accumulated
a. Batteries	❑	❑
b. Pesticides	❑	❑
c. Thermostats	❑	❑
d. Lamps	❑	❑
e. Other (specify) _____	❑	❑
f. Other (specify) _____	❑	❑
g. Other (specify) _____	❑	❑

❑ **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities

1. Used Oil Transporter - Indicate Type(s) of Activity(ies)

❑ a. Transporter

❑ b. Transfer Facility

2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies)

❑ a. Processor

❑ b. Re-refiner

❑ **3. Off-Specification Used Oil Burner**

4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)

❑ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner

❑ b. Marketer Who First Claims the Used Oil Meets the Specifications

11. Description of Hazardous Wastes (see instructions on page 16)

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

OMB#: 2050-0175 Expires 12/31/2003

EPA ID No.	A	B	D	9	1	0	8	4	8	7	3	7

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

12. Comments (see instructions on page 17)

13. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. **(see instructions on page 17)**

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm-dd-yyyy)
John R. Smith	John R. Smith	02/11/2002
	Plant Manager	

Form GM, page 4 of 8: Waste solvent generated from cleaning paint lines that was distilled on site.

[Note that the still bottoms are not reported on the same Form GM as the spent solvent; the still bottoms are considered a separate waste, reported on Form GM, page 5 of 8.]

Before copying, or entering information on, this form, the site enters its name (*Refrigerator, Inc.*) and EPA ID number (*ABD910848737*) in the top left-hand corner of the form.

Section 1 Waste characteristics. In **Box A**, a narrative description of the waste is entered: *Waste toluene from cleaning paint lines*. The appropriate EPA hazardous waste code associated with the waste, *F005* for spent non-halogenated solvents, is entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The appropriate Source code, *G06* for painting and coating, is entered in **Box D**. Because the Source code is not "G25," the Management Method code in **Box D** is left blank. The appropriate Form code, *W203* for concentrated non-halogenated solvent, is entered in **Box E**. **Box F** is not checked because the waste is not mixed with radioactive materials. The quantity of the hazardous waste generated in 2001, *650.0*, is reported in **Box G**. In **Box H**, code *5* is entered indicating that the unit of measure for the quantity reported in Box G is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *7.60*, is recorded in **Box H**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon.

Section 2 On-site generation and management of hazardous waste. The site checks "Yes" because the site recycled the waste on site. In **On-site Process System 1**, *H020* is entered indicating that the waste was recycled using solvents recovery. The quantity recycled is entered using the same unit of measure reported in **Section 2, Box B**, *650.0*. **On-site Process System 2** is left blank.

Section 3 Off-site shipment of hazardous waste. In **Box A**, "No" is checked because the waste was recycled on site during 2001. For **Sites 1, 2 and 3, Boxes B through D** are left blank according to the instructions ("Form is complete").

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Refrigerator, Inc.

EPA ID NO: A B D 9 1 0 8 4 8 7 3 7

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1

A. Waste description (page 22)

Waste toluene from cleaning paint lines.

B. EPA hazardous waste code (page 22): F 0 0 5 | N A | N A | N A | N A

C. State hazardous waste code (page 22):

D. Source code (page 23): G 0 6

Management Method code for Source code G25: H

E. Form code (page 23): W 2 0 3

F. RCRA radioactive mixed? (page 23): ☐ Yes

G. Quantity generated in 2001 (page 23): 6 5 0 . 0

H. UOM (page 23): 5

Density: 7 . 6 0

☒ lbs/gal ☐ sg

Sec. 2

Was any of this waste managed on site? (page 24)

☒ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☐ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24): H 0 2 0

Quantity treated, disposed, or recycled on site in 2001 (page 25): 6 5 0 . 0

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24): H

Quantity treated, disposed, or recycled on site in 2001 (page 25):

Sec. 3

A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)

☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1		H	
Site 2		H	
Site 3		H	

Comments:

Over ➔

Form GM, page 5 of 8: Still bottoms (residuals) shipped off site after distilling waste solvent toluene that was used to clean paint lines on site.

[Note that the spent solvent is not reported on the same Form GM as the still bottoms; the spent solvent is considered a separate waste, reported on Form GM, page 4 of 8.]

Before copying, or entering information on, this form, the site enters its name (*Refrigerator, Inc.*) and EPA ID number (*ABD910848737*) in the top left-hand corner of the form.

Section 1 Waste characteristics. In **Box A**, a narrative description of the waste is entered: *Waste toluene distillation still bottoms (residuals)*. The appropriate EPA hazardous waste code associated with the waste, *F005* for spent non-halogenated solvents, is entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The appropriate source code, *G25* for hazardous waste management, is entered in **Box D**. Because the Source code is "G25," the Management Method code, *H020* for solvents recovery, is also entered in **Box D**. The appropriate Form code, *W200* for still bottoms in liquid form, is entered in **Box E**. **Box F** is not checked because the waste is not mixed with radioactive materials. The quantity of the hazardous waste generated in 2001, *50.0*, is reported in **Box G**. In **Box H**, code *5* is entered indicating that the unit of measure for the quantity reported in Box G is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *9.20*, is recorded in **Box H**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon.

Section 2 On-site generation and management of hazardous waste. The site checks "No" because the site did not treat, dispose, or recycle the waste on site. The site skips to Section 3 as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site management method and quantity treated, disposed, or recycled on site are left blank.

Section 3 Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 2001. For **Site 1**, the EPA ID number of the facility to which the waste was shipped, *MNH876849385*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H050* for energy recovery at this site, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *50.0*. For **Sites 2 and 3**, **Boxes B through D** are left blank.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Refrigerator, Inc.

EPA ID NO: ⌊A⌋⌊B⌋⌊D⌋ ⌊9⌋⌊1⌋⌊0⌋ ⌊8⌋⌊4⌋⌊8⌋ ⌊7⌋⌊3⌋⌊7⌋

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1

A. Waste description (page 22)

Waste toluene distillation still bottoms (residuals).

B. EPA hazardous waste code (page 22) ⌊F⌋⌊0⌋⌊0⌋⌊5⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋

C. State hazardous waste code (page 22)

D. Source code (page 23) ⌊G⌋⌊2⌋⌊5⌋

Management Method code for Source code G25 ⌊H⌋⌊0⌋⌊2⌋⌊0⌋

E. Form code (page 23) ⌊W⌋⌊2⌋⌊0⌋⌊0⌋

F. RCRA radioactive mixed? (page 23) ☐ Yes

G. Quantity generated in 2001 (page 23) ⌊5⌋⌊0⌋.⌊0⌋

H. UOM (page 23) ⌊5⌋

Density ⌊9⌋.⌊2⌋⌊0⌋ ☒ lbs/gal ☐ sg

Sec. 2

Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24) ⌊H⌋

Quantity treated, disposed, or recycled on site in 2001 (page 25)

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24) ⌊H⌋

Quantity treated, disposed, or recycled on site in 2001 (page 25)

Sec. 3

A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	⌊M⌋⌊N⌋⌊H⌋ ⌊8⌋⌊7⌋⌊6⌋ ⌊8⌋⌊4⌋⌊9⌋ ⌊3⌋⌊8⌋⌊5⌋	⌊H⌋⌊0⌋⌊5⌋⌊0⌋	⌊5⌋⌊0⌋.⌊0⌋
Site 2			
Site 3			

Comments:

Form GM, page 6 of 8: Waste halogenated solvent tetrachloroethylene generated from degreasing parts, and shipped off site for management.

Before copying, or entering information on, this form, the site enters its name (*Refrigerator, Inc.*) and EPA ID number (*ABD910848737*) in the top left-hand corner of the form.

Section 1 Waste characteristics. In **Box A**, a narrative description of the waste is entered: *Waste halogenated solvent tetrachloroethylene generated from degreasing parts*. The appropriate EPA hazardous waste code associated with the waste, *F001* for spent halogenated solvents used in degreasing, is entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The appropriate Source code, *G01* for dip, flush or spray rinsing, is entered in **Box D**. Because the Source code is not "G25," the Management Method code in **Box D** is left blank. The appropriate Form code, *W202* for concentrated halogenated (e.g., chlorinated) solvent, is entered in **Box E**. **Box F** is not checked because the waste is not mixed with radioactive materials. The quantity of the hazardous waste generated in 2001, *450.0*, is reported in **Box G**. In **Box H**, code *5* is entered indicating that the unit of measure for the quantity reported in Box G is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *9.10*, is recorded in **Box H**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon.

Section 2 On-site generation and management of hazardous waste. The site checks "No" because the site did not treat, dispose, or recycle the waste on site. The site skips to Section 3 as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site management method and quantity treated, disposed, or recycled on site are left blank.

Section 3 Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 2001. For **Site 1**, the EPA ID number of the facility to which the waste was shipped, *ABC123456789*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H020* for solvents recovery, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *250.0*. For **Site 2**, the EPA ID number of the facility to which the waste was shipped, *XYW987654321*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H141* for storage, bulking and/or transfer off site - no treatment, fuel blending, or disposal at this site, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *200.0*. For **Site 3, Boxes B through D** are left blank.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Refrigerator, Inc.

EPA ID NO: A B D 9 1 0 8 4 8 7 3 7

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1

A. Waste description (page 22)

Waste halogenated solvent tetrachloroethylene generated from degreasing parts.

B. EPA hazardous waste code (page 22): F 0 0 1 | N A | N A | N A | N A

C. State hazardous waste code (page 22)

D. Source code (page 23): G 0 1

Management Method code for Source code G25: H

E. Form code (page 23): W 2 0 2

F. RCRA radioactive mixed? (page 23): ☐ Yes

G. Quantity generated in 2001 (page 23): 4 5 0 . 0

H. UOM (page 23): 5

Density: 9 . 1 0

☒ lbs/gal ☐ sg

Sec. 2

Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24): H

Quantity treated, disposed, or recycled on site in 2001 (page 25):

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24): H

Quantity treated, disposed, or recycled on site in 2001 (page 25):

Sec. 3

A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)

☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	A B C 1 2 3 4 5 6 7 8 9	H 0 2 0	2 5 0 . 0
Site 2	X Y W 9 8 7 6 5 4 3 2 1	H 1 4 1	2 0 0 . 0
Site 3		H	

Comments:

Over ➔

Form GM, page 7 of 8: Wastewater treatment sludge from electroplating operations shipped off site.

Before copying, or entering information on, this form, the site enters its name (*Refrigerator, Inc.*) and EPA ID number (*ABD910848737*) in the top left-hand corner of the form.

Section 1 Waste characteristics. In **Box A**, a narrative description of the waste is entered: *Wastewater treatment sludges from electroplating operations*. The appropriate EPA hazardous waste code associated with the waste, *F006* for wastewater treatment sludges from electroplating operations, is entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The appropriate Source code, *G23* for wastewater treatment, is entered in **Box D**. Because the Source code is not "G25," the Management Method code in **Box D** is left blank. The appropriate Form code, *W501* for lime and/or metal hydroxide sludges and solids with no cyanides, is entered in **Box E**. **Box F** is not checked because the waste is not mixed with radioactive materials. The quantity of the hazardous waste generated in 2001, *550.0*, is reported in **Box G**. In **Box H**, code *2* is entered indicating that the unit of measure for the quantity reported in Box G is "short tons." Because "short tons" is not a volumetric measure, information pertaining to density of the waste in **Box H** does not have to be provided.

Section 2 On-site generation and management of hazardous waste. The site checks "No" because the site did not treat, dispose, or recycle the waste on site. The site skips to Section 3 as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site management method and quantity treated, disposed, or recycled on site are left blank.

Section 3 Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 2001. For **Site 1**, the EPA ID number of the facility to which the waste was shipped, *PJU098475000*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H111* for stabilization or chemical fixation prior to disposal at another site, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *250.0*. For **Site 2**, the EPA ID number of the facility to which the waste was shipped, *LKU940583945*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H111* for stabilization or chemical fixation prior to disposal at another site, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *300.0*. For **Site 3**, **Boxes B through D** are left blank.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Refrigerator, Inc.

EPA ID NO: ⌊A⌋⌊B⌋⌊D⌋ ⌊9⌋⌊1⌋⌊0⌋ ⌊8⌋⌊4⌋⌊8⌋ ⌊7⌋⌊3⌋⌊7⌋

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1

A. Waste description (page 22)

Wastewater treatment sludges from electroplating operations.

B. EPA hazardous waste code (page 22) ⌊F⌋⌊0⌋⌊0⌋⌊6⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋

C. State hazardous waste code (page 22) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋

D. Source code (page 23) ⌊G⌋⌊2⌋⌊3⌋

Management Method code for Source code G25 ⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋

E. Form code (page 23) ⌊W⌋⌊5⌋⌊0⌋⌊1⌋

F. RCRA radioactive mixed? (page 23) ☐ Yes

G. Quantity generated in 2001 (page 23) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊5⌋⌊5⌋⌊0⌋.⌊0⌋

H. UOM (page 23) ⌊2⌋

Density ⌊ ⌋⌊ ⌋.⌊ ⌋⌊ ⌋ ☐ lbs/gal ☐ sg

Sec. 2

Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24) ⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋

Quantity treated, disposed, or recycled on site in 2001 (page 25) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋.⌊ ⌋

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24) ⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋

Quantity treated, disposed, or recycled on site in 2001 (page 25) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋.⌊ ⌋

Sec. 3

A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	⌊P⌋⌊J⌋⌊U⌋ ⌊0⌋⌊9⌋⌊8⌋ ⌊4⌋⌊7⌋⌊5⌋ ⌊0⌋⌊0⌋⌊0⌋	⌊H⌋⌊1⌋⌊1⌋⌊1⌋	⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊2⌋⌊5⌋⌊0⌋.⌊0⌋
Site 2	⌊L⌋⌊K⌋⌊U⌋ ⌊9⌋⌊4⌋⌊0⌋ ⌊5⌋⌊8⌋⌊3⌋ ⌊9⌋⌊4⌋⌊5⌋	⌊H⌋⌊1⌋⌊1⌋⌊1⌋	⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊3⌋⌊0⌋⌊0⌋.⌊0⌋
Site 3	⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋	⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋	⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋.⌊ ⌋

Comments:

Over ➔

Form GM, page 8 of 8: Corrosive waste shipped off site to a publicly owned treatment works (POTW), instead of discharge to sewer.

Before copying, or entering information on, this form, the site enters its name (*Refrigerator, Inc.*) and EPA ID number (*ABD910848737*) in the top left-hand corner of the form.

Section 1 Waste characteristics. In **Box A**, a narrative description of the waste is entered: *Corrosive waste from stripping operations*. The appropriate EPA hazardous waste code associated with the waste, *D002* for corrosive waste, is entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The appropriate Source code, *G02* for stripping and acid or caustic cleaning, is entered in **Box D**. Because the Source code is not "G25," the Management Method code in **Box D** is left blank. The appropriate Form code, *W103* for spent concentrated acid, is entered in **Box E**. **Box F** is not checked because the waste is not mixed with radioactive materials. The quantity of the hazardous waste generated in 2001, *1,500.0*, is reported in **Box G**. In **Box H**, code *5* is entered indicating that the unit of measure for the quantity reported in Box G is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *8.20*, is recorded in **Box H**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon.

Section 2 On-site generation and management of hazardous waste. The site checks "No" because the site did not treat, dispose, or recycle the waste on site. The site skips to Section 3 as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site management method and quantity treated, disposed, or recycled on site are left blank.

Section 3 Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 2001. For **Site 1**, the EPA ID number of the facility to which the waste was shipped, *RSD839204637*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H135* for discharge to sewer/POTW or NPDES, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *1,500.0*. For **Sites 2 and 3, Boxes B through D** are left blank.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Refrigerator, Inc.

EPA ID NO: ⌊A⌋⌊B⌋⌊D⌋ ⌊9⌋⌊1⌋⌊0⌋ ⌊8⌋⌊4⌋⌊8⌋ ⌊7⌋⌊3⌋⌊7⌋

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1

A. Waste description (page 22)

Corrosive waste from stripping operations.

B. EPA hazardous waste code (page 22) ⌊D⌋⌊0⌋⌊0⌋⌊2⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋

C. State hazardous waste code (page 22) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋

D. Source code (page 23) ⌊G⌋⌊0⌋⌊2⌋

Management Method code for Source code G25 ⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋

E. Form code (page 23) ⌊W⌋⌊1⌋⌊0⌋⌊3⌋

F. RCRA radioactive mixed? (page 23) ☐ Yes

G. Quantity generated in 2001 (page 23) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊1⌋⌊5⌋⌊0⌋⌊0⌋ . ⌊0⌋

H. UOM (page 23) ⌊5⌋

Density ⌊ ⌋⌊8⌋ . ⌊2⌋⌊0⌋

☒ lbs/gal ☐ sg

Sec. 2

Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24) ⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋

Quantity treated, disposed, or recycled on site in 2001 (page 25) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋ . ⌊ ⌋

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24) ⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋

Quantity treated, disposed, or recycled on site in 2001 (page 25) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋ . ⌊ ⌋

Sec. 3

A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)

☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	⌊R⌋⌊S⌋⌊D⌋ ⌊8⌋⌊3⌋⌊9⌋ ⌊2⌋⌊0⌋⌊4⌋ ⌊6⌋⌊3⌋⌊7⌋	⌊H⌋⌊1⌋⌊3⌋⌊5⌋	⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊1⌋⌊5⌋⌊0⌋⌊0⌋ . ⌊0⌋
Site 2	⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋	⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋	⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋ . ⌊ ⌋
Site 3	⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋	⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋	⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋ . ⌊ ⌋

Comments:

Over ➔

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EXAMPLE 2
TSD Handler, Inc.

TSD Handler, Inc. is a commercial hazardous waste treatment, storage, and disposal facility. During 2001, TSD Handler, Inc. received hazardous waste from many generators. Hazardous waste received from five of these generators, as well as the management method used, include:

- 2,100 gallons of ignitable spent solvent imported from Canada, fuel blended at this site, and shipped off site for energy recovery;
- 1,700 gallons of spent halogenated solvent imported from Mexico, bulked at this site, and shipped off site for incineration;
- 1,200 gallons of corrosive waste received from off site, and neutralized completely and treated by chemical precipitation at this site;
- 1,800 gallons of ignitable spent solvent received from off site, fuel blended at this site, and shipped off site for energy recovery; and
- 200 gallons of spent halogenated solvent received from off site (from Refrigerator, Inc.; see Example 1, page A-14), bulked at this site, and shipped off site for incineration.

Forms Completed by TSD Handler, Inc.

Site ID Form

All sites required to submit the 2001 Hazardous Waste Report must fill out a Site ID Form. Therefore, TSD Handler, Inc. (a fictitious site) completed a Site ID Form.

Form WR

A site required to submit the 2001 Hazardous Waste Report must fill out Form WR for any RCRA hazardous waste that is received from off site and managed on site or shipped off site for further management. Directions regarding what hazardous waste must be reported are contained elsewhere in this booklet. The information reported on the Form WR should be a summary of waste received from off site, by off-site source, and on-site management method for the reporting year. It may be optionally reported at the manifest shipment level.

Therefore, TSD Handler, Inc. completed WR forms for the following RCRA hazardous wastes:

- 2,100 gallons of ignitable spent solvent imported from Canada and fuel blended at this site;
- 1,700 gallons of spent halogenated solvent imported from Mexico and bulked at this site;
- 1,200 gallons of corrosive waste received from off site, and neutralized completely and treated by chemical precipitation at this site;
- 1,800 gallons of ignitable spent solvent received from off site and fuel blended at this site; and
- 200 gallons of spent halogenated solvent received from off site (from Refrigerator, Inc.; see Example 1, page A-14) and bulked at this site.

Form GM

A site receiving waste reported on Form WR must fill out Form GM for any RCRA hazardous waste residuals that are generated from the on-site management of those wastes and any waste shipped off site for management whether residual or bulked and re-shipped without on-site management. Directions regarding what hazardous waste must be reported are contained elsewhere in this booklet. Reporting on the Form GM may be at the individual process level, at the manifest shipment level, or at the cumulative EPA hazardous waste code level (within the reporting cycle).

Therefore, TSD Handler, Inc. completed GM forms for the following RCRA hazardous wastes:

- 2,100 gallons of ignitable spent solvent imported from Canada;
- 1,700 gallons of spent halogenated solvent imported from Mexico;
- 3,900 gallons of fuel blended at this site and shipped off site for energy recovery; and
- 1,900 gallons of spent halogenated solvent bulked at this site and shipped off site for incineration.

[Note: TSD Handler, Inc. filled out GM forms for all wastes imported from a foreign country (e.g., Canada, Mexico). However, TSD Handler, Inc. did not fill out a Form GM for the 1,200 gallons of corrosive waste received from off site because the waste was neutralized completely and treated by chemical precipitation at the site.]

Forms Completed by TSD Handler, Inc.

Site ID Form

Item 1 Reason for submittal. An "X" is placed in the appropriate box indicating that the Site ID Form is being submitted as a component of the Hazardous Waste Report.

Item 2 Site EPA ID number. The site's EPA ID number, *XYW987654321,* is entered in Item 2.

Item 3 Name of site. The legal name of the site, *TSD Handler, Inc.,* is entered.

Item 4 Location of site. The complete location address is entered: *500 Waste Treatment Drive, Mars, Mars County, XY, 77788*. [Note that the address entered in Item 4 must be a physical address, not a post office box or route number.]

Item 5 Site land type. Item 5 is left blank because the site is not required to complete it as part of the Hazardous Waste Report.

Item 6 NAICS code. The NAICS codes that best describe the activities conducted at the site are entered in order of descending importance: *562211* (i.e., hazardous waste treatment and disposal) and *562112* (i.e., hazardous waste collection).

Item 7 Site mailing address. The site mailing address is entered: *P.O. Box 2001, Mars, XY, USA, 77789*.

Item 8 Site contact. The name, business telephone number, and extension of the person who should be contacted regarding the information submitted in the Site ID Form is entered: *Robert T. Jones, (111) 756-5000, ext. 30*.

Item 9 Owner and/or operator of the site. Item 9 is left blank because the site is not required to complete it as part of the Hazardous Waste Report.

Site ID Form (continued)

Item 10 Type of regulated waste activity. The site completes **Box A** because it generated, imported, stored, and treated RCRA hazardous waste during 2001. An "X" is placed in **Box A.1.a** (i.e., LQG) because the site generated more than 1,000 kg (2,200 lbs) of RCRA hazardous waste in a calendar month, during one or more months in 2001. An "X" also is placed in **Box A.1.d** because the site imported hazardous waste in 2001. Finally, an "X" is placed in **Box A.3** (i.e., Treater, Storer, or Disposer of Hazardous Waste (at your site)) because the site treated RCRA hazardous waste at the site. **Boxes A.2, A.4, A.5, A.6, B, and C** are left blank because they are not applicable to the hazardous waste activities conducted at the site during 2001.

Item 11 Description of hazardous wastes. Item 11 is left blank because the site is not required to complete it as part of the Hazardous Waste Report.

Item 12 Comments. The site had no additional comments. Therefore, Item 12 is left blank.

Item 13 Certification. The certification is signed and completed by the authorized representative of the site (i.e., the person responsible for the overall operation of the site): *Robert T. Jones, Environmental Manager, 02/28/2002*.

[Note: The site entered its EPA ID number (*XYW987654321*) in the top right-hand corner of pages 2 and 3 of the Site ID Form.]

OMB#: 2050-0175 Expires 12/31/2003

MAIL THE COMPLETED FORM **TO:** The Appropriate EPA Regional or State Office.	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM**	

1. Reason for Submittal (see instructions on page 10) CHECK CORRECT BOX(ES)	**Reason for Submittal:** ❑ To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities). (Check this box and 2.A. below.) ❑ To provide subsequent notification (to update site identification information). ❑ As a component of a First RCRA Hazardous Waste Part A Permit Application. ❑ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____). ☒ As a component of the Hazardous Waste Report.		
2. Site EPA ID Number (see instructions on page 11)	**EPA ID Number:** XYW987654321		
3. Site Name (see instructions on page 11)	**Legal Name:** TSD Handler, Inc.		
4. Site Location Information (see instructions on page 11)	**Street Address:** 500 Waste Treatment Drive		
	City, Town, or Village: Mars City		**State:** XY
	County Name: Mars County		**Zip Code:** 77788
5. Site Land Type (see instructions on page 11)	**Site Land Type:** ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		
6. North American Industry Classification System (NAICS) Code(s) for the Site (see instructions on page 11)	**A.** 562211	**B.** 562112	
	C.	**D.**	
7. Site Mailing Address (see instructions on page 12)	**Street or P. O. Box:** P.O. Box 2001		
	City, Town, or Village: Mars		
	State: XY		
	Country: USA		**Zip Code:** 77789
8. Site Contact Person (see instructions on page 12)	**First Name:** Robert	**MI:** T.	**Last Name:** Jones
	Phone Number: (111) 756-5000		**Phone Number Extension:** 30
9. Legal Owner and Operator of the Site (see instructions on pages 12 and 13)	**A. Name of Site's Legal Owner:**		**Date Became Owner (mm/dd/yyyy):**
	Owner Type: ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		
	B. Name of Site's Operator:		**Date Became Operator (mm/dd/yyyy):**
	Operator Type: ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		

OMB#: 2050-0175 Expires 12/31/2003

EPA ID No.	X	Y	W	9	8	7	6	5	4	3	2	1

10. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. See instructions on pages 13, 14, 15, and 16)

A. Hazardous Waste Activities

1. Generator of Hazardous Waste
(choose only one of the following three categories)

☒ a. LQG: Greater than 1,000 kg/mo (2,200 lbs.) of non-acute hazardous waste; or

❑ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs.) of non-acute hazardous waste; or

❑ c. CESQG: Less than 100 kg/mo of non-acute hazardous waste

In addition, indicate other generator activities (check all that apply)

☒ d. United States Importer of Hazardous Waste

❑ e. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 6, check all that apply:

❑ **2. Transporter of Hazardous Waste**

☒ **3. Treater, Storer, or Disposer of Hazardous Waste (at your site)** Note: A hazardous waste permit is required for this activity.

☐ **4. Recycler of Hazardous Waste (at your site)** Note: A hazardous waste permit may be required for this activity.

5. Exempt Boiler and/or Industrial Furnace

❑ a. Small Quantity On-site Burner Exemption

❑ b. Smelting, Melting, Refining Furnace Exemption

❑ **6. Underground Injection Control**

B. Universal Waste Activities

1. Large Quantity Handler of Universal Waste [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (check all boxes that apply):

	Generated	Accumulated
a. Batteries	❑	❑
b. Pesticides	❑	❑
c. Thermostats	❑	❑
d. Lamps	❑	❑
e. Other (specify) _____	❑	❑
f. Other (specify) _____	❑	❑
g. Other (specify) _____	❑	❑

❑ **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities

1. Used Oil Transporter - Indicate Type(s) of Activity(ies)

❑ a. Transporter

❑ b. Transfer Facility

2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies)

❑ a. Processor

❑ b. Re-refiner

❑ **3. Off-Specification Used Oil Burner**

4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)

❑ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner

❑ b. Marketer Who First Claims the Used Oil Meets the Specifications

11. Description of Hazardous Wastes (see instructions on page 16)

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

OMB#: 2050-0175 Expires 12/31/2003

EPA ID No.	X	Y	Z	9	8	7	6	5	4	3	2	1

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

12. Comments (see instructions on page 17)

13. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. **(see instructions on page 17)**

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm-dd-yyyy)
Robert T. Jones	Robert T. Jones	02/28/2002
	Environmental Manager	

Form WR, page 4 of 9: Waste received from off site.

Before copying, or entering information on, this form, the site enters its name (*TSD Handler, Inc.*) and EPA ID number (*XYW987654321*) in the top left-hand corner of the form.

Waste 1 In **Box A**, a narrative description of the waste received from off site is entered: *Ignitable spent solvent*. The appropriate EPA hazardous waste codes associated with the waste, *D001* for ignitable waste and *F003* for spent non-halogenated solvents, are entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The EPA ID number of the site from which the waste was received is entered in **Box D**. Because the hazardous waste was received from a foreign country site that does not have an EPA ID number, the site recorded "FC," for foreign country, followed by the name of the foreign country in the space for the EPA ID number: *FCCANADA*. In **Box E**, the quantity of waste received from off site, *2,100.0*, is entered. In **Box F**, code *5* is entered indicating that the unit of measure for the quantity reported in Box E is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *8.05*, is recorded in **Box F**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon. The appropriate Form code, *W203* for concentrated non-halogenated solvent, is entered in **Box G**. **Box H** is not checked because the waste is not mixed with radioactive materials. In **Box I**, the appropriate Management Method code for the system in which the waste was managed, *H061* for fuel blending prior to energy recovery at another site, is reported. In **Comments**, a brief comment on management of the waste received from off site: *Waste 1 - Imported waste; fuel blended at this site; shipped off site for energy recovery*.

Waste 2 In **Box A**, a narrative description of the waste received from off site is entered: *Spent halogenated solvent*. The appropriate EPA hazardous waste code associated with the waste, *F002* for spent halogenated solvents, is entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The EPA ID number of the site from which the waste was received is entered in **Box D**. Because the hazardous waste was received from a foreign country site that does not have an EPA ID number, the site recorded "FC," for foreign country, followed by the name of the foreign country in the space for the EPA ID number: *FCMEXICO*. In **Box E**, the quantity of waste received from off site, *1,700.0*, is entered. In **Box F**, code *5* is entered indicating that the unit of measure for the quantity reported in Box E is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *7.55*, is recorded in **Box F**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon. The appropriate Form code, *W202* for concentrated halogenated (e.g., chlorinated) solvent, is entered in **Box G**. **Box H** is not checked because the waste is not mixed with radioactive materials. In **Box I**, the appropriate Management Method code for the system in which the waste was managed, *H141* for storage, bulking, and/or transfer off site - no treatment, fuel blending, or disposal at this site, is reported. In **Comments**, a brief comment on management of the waste received from off site: *Waste 2 - Imported waste; bulked and shipped off site for incineration*.

Form WR, page 4 of 9: Waste received from off site. (Continued)

Waste 3 In **Box A**, a narrative description of the waste received from off site is entered: *Corrosive waste*. The appropriate EPA hazardous waste code associated with the waste, *D002* for corrosive waste, is entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The EPA ID number of the site from which the waste was received, *EFD123456789*, is entered in **Box D**. In **Box E**, the quantity of waste received from off site, *1,200.0*, is entered. In **Box F**, code *5* is entered indicating that the unit of measure for the quantity reported in Box E is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *8.20*, is recorded in **Box F**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon. The appropriate Form code, *W103* for spent concentrated acid, is entered in **Box G**. **Box H** is not checked because the waste is not mixed with radioactive materials. In **Box I**, the appropriate Management Method code for the system in which the waste was managed, *H077* for other chemical precipitation with or without pre-treatment, is reported. In **Comments**, a brief comment on management of the waste received from off site: *Waste 3 - Neutralized completely and treated by chemical precipitation at this site*.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: TSD Handler, Inc.

EPA ID NO: X Y W 9 8 7 6 5 4 3 2 1

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM WR

WASTE RECEIVED FROM OFF SITE

Instructions: Please see the detailed instructions beginning on page 27 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Waste 1	A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28)	C. State hazardous waste code (page 28)
	Ignitable spent solvent.	D 0 0 1 F 0 0 3 N A N A	

D. Off-site handler EPA ID number (page 28)	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density
F C C A N A D A	2 1 0 0 . 0	5 8 . 0 5 ☒ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed? (page 29)	I. Management Method code (page 29)
W 2 0 3	☐ Yes	H 0 6 1

Waste 2	A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28)	C. State hazardous waste code (page 28)
	Spent halogenated solvent.	F 0 0 2 N A N A N A	

D. Off-site handler EPA ID number (page 28) ☐ Check if same as in Waste 1	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density
F C M E X I C O	1 7 0 0 . 0	5 7 . 5 5 ☒ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
W 2 0 2	☐ Yes	H 1 4 1

Waste 3	A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28)	C. State hazardous waste code (page 28)
	Corrosive waste.	D 0 0 2 N A N A N A	

D. Off-site handler EPA ID number (page 28) ☐ Check if same as in Waste 2	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density
E F D 1 2 3 4 5 6 7 8 9	1 2 0 0 . 0	5 8 . 2 0 ☒ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
W 1 0 3	☐ Yes	H 0 7 7

Comments:

Waste 1 - Imported waste; fuel blended at this site; shipped off site for energy recovery.
Waste 2 - Imported waste; bulked and shipped off site for incineration.
Waste 3 - Neutralized completely and treated by chemical precipitation at this site.

Over →

Form WR, page 5 of 9: Waste received from off site.

Before copying, or entering information on, this form, the site enters its name (*TSD Handler, Inc.*) and EPA ID number (*XYW987654321*) in the top left-hand corner of the form.

Waste 1 In **Box A**, a narrative description of the waste received from off site is entered: *Ignitable spent solvent*. The appropriate EPA hazardous waste code associated with the waste, *F003* for spent non-halogenated solvents, is entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The EPA ID number of the site from which the waste was received, *XYZ890123567*, is entered in **Box D**. In **Box E**, the quantity of waste received from off site, *1,800.0*, is entered. In **Box F**, code *5* is entered indicating that the unit of measure for the quantity reported in Box E is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *7.50*, is recorded in **Box F**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon. The appropriate Form code, *W203* for concentrated non-halogenated solvent, is entered in **Box G**. **Box H** is not checked because the waste is not mixed with radioactive materials. In **Box I**, the appropriate Management Method code for the system in which the waste was managed, *H061* for fuel blending prior to energy recovery at another site, is reported. In **Comments**, a brief comment on management of the waste received from off site: *Waste 2 - Fuel blended at this site; shipped off site for energy recovery*.

Waste 2 In **Box A**, a narrative description of the waste received from off site is entered: *Halogenated solvent*. The appropriate EPA hazardous waste code associated with the waste, *F001* for spent halogenated solvents used in degreasing, is entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The EPA ID number of the site from which the waste was received, *ABD910848737*, is entered in **Box D**. In **Box E**, the quantity of waste received from off site, *200.0*, is entered. In **Box F**, code *5* is entered indicating that the unit of measure for the quantity reported in Box E is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *9.10*, is recorded in **Box F**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon. The appropriate Form code, *W202* for concentrated halogenated (e.g., chlorinated) solvent, is entered in **Box G**. **Box H** is not checked because the waste is not mixed with radioactive materials. In **Box I**, the appropriate Management Method code for the system in which the waste was managed, *H141* for storage, bulking, and/or transfer off site - no treatment, fuel blending, or disposal at this site, is reported. In **Comments**, a brief comment on management of the waste received from off site: *Waste 3 - Bulked and shipped off site for incineration*.

Waste 3 Because there are no more hazardous waste to report, **Boxes A through I** are left blank.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: TSD Handler, Inc.

EPA ID NO: XYW 987 654 321

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM WR

WASTE RECEIVED FROM OFF SITE

Instructions: Please see the detailed instructions beginning on page 27 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Waste 1

A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28)	C. State hazardous waste code (page 28)
Ignitable spent solvent.	F003 NA NA NA NA	

D. Off-site handler EPA ID number (page 28)	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density
XYZ 890 123 567	18000.0	5 7.50 ☒ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed? (page 29)	I. Management Method code (page 29)
W203	☐ Yes	H061

Waste 2

A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28)	C. State hazardous waste code (page 28)
Halogenated solvent.	F001 NA NA NA NA	

D. Off-site handler EPA ID number (page 28) ☐ Check if same as in Waste 1	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density
ABD 910 847 737	20000.0	5 9.10 ☒ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
W202	☐ Yes	H141

Waste 3

A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28)	C. State hazardous waste code (page 28)

D. Off-site handler EPA ID number (page 28) ☐ Check if same as in Waste 2	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density
		☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
W	☐ Yes	H

Comments:

Waste 1 - Fuel blended at this site; shipped off site for energy recovery.
Waste 2 - Bulked and shipped off site for incineration.

Over →

Form GM, page 6 of 9: Ignitable spent solvent received from off site, fuel blended at this site, and shipped off site for energy recovery.

Before copying, or entering information on, this form, the site enters its name (*TSD Handler, Inc.*) and EPA ID number (*XYW987654321*) in the top left-hand corner of the form.

Section 1 Waste characteristics. In **Box A**, a narrative description of the waste is entered: *Ignitable spent solvent*. The appropriate EPA hazardous waste codes associated with the waste, *D001* for ignitable waste and *F003* for spent non-halogenated solvents, are entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The appropriate Source code, *G62* for hazardous waste received from a foreign country, is entered in **Box D**. Because the Source code is not "G25," the Management Method code in **Box D** is left blank. The appropriate Form code, *W203* for concentrated non-halogenated solvent, is entered in **Box E**. **Box F** is not checked because the waste is not mixed with radioactive materials. The quantity of the hazardous waste generated in 2001, *2,100.0*, is reported in **Box G**. In **Box H**, code *5* is entered indicating that the unit of measure for the quantity reported in Box G is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *8.05*, is recorded in **Box H**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon.

Section 2 On-site generation and management of hazardous waste. The site checks "No" because the site did not treat, dispose, or recycle the waste on site. The site skips to Section 3 as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site management method and quantity treated, disposed, or recycled on site are left blank.

Section 3 Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 2001. For **Site 1**, the EPA ID number of the facility to which the waste was shipped, *RSD839204637*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H050* for energy recovery at this site, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *2,100.0*. For **Sites 2 and 3, Boxes B through D** are left blank.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: TSD Handler, Inc.

EPA ID NO: ⌊X⌋⌊Y⌋⌊W⌋ ⌊9⌋⌊8⌋⌊7⌋ ⌊6⌋⌊5⌋⌊4⌋ ⌊3⌋⌊2⌋⌊1⌋

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1

A. Waste description (page 22)

Ignitable spent solvent.

B. EPA hazardous waste code (page 22) ⌊D⌋⌊0⌋⌊0⌋⌊1⌋ ⌊F⌋⌊0⌋⌊0⌋⌊3⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋ ⌊ ⌋⌊ ⌋⌊N⌋⌊A⌋

C. State hazardous waste code (page 22) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋

D. Source code (page 23) ⌊G⌋⌊6⌋⌊2⌋

Management Method code for Source code G25 ⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋

E. Form code (page 23) ⌊W⌋⌊2⌋⌊0⌋⌊3⌋

F. RCRA radioactive mixed? (page 23) ☐ Yes

G. Quantity generated in 2001 (page 23) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊2⌋⌊1⌋⌊0⌋⌊0⌋.⌊0⌋

H. UOM (page 23) ⌊5⌋

Density ⌊ ⌋⌊8⌋.⌊0⌋⌊5⌋

☒ lbs/gal ☐ sg

Sec. 2

Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24) ⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋

Quantity treated, disposed, or recycled on site in 2001 (page 25) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋.⌊ ⌋

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24) ⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋

Quantity treated, disposed, or recycled on site in 2001 (page 25) ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋.⌊ ⌋

Sec. 3

A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)

☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	⌊R⌋⌊S⌋⌊D⌋ ⌊8⌋⌊3⌋⌊9⌋ ⌊2⌋⌊0⌋⌊4⌋ ⌊6⌋⌊3⌋⌊7⌋	⌊H⌋⌊0⌋⌊5⌋⌊0⌋	⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊2⌋⌊1⌋⌊0⌋⌊0⌋.⌊0⌋
Site 2	⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋	⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋	⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋.⌊ ⌋
Site 3	⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋ ⌊ ⌋⌊ ⌋⌊ ⌋	⌊H⌋⌊ ⌋⌊ ⌋⌊ ⌋	⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋.⌊ ⌋

Comments:

Over →

Form GM, page 7 of 9: Halogenated solvent received from off site, bulked, and shipped off site for incineration.

Before copying, or entering information on, this form, the site enters its name (*TSD Handler, Inc.*) and EPA ID number (*XYW987654321*) in the top left-hand corner of the form.

Section 1 Waste characteristics. In **Box A**, a narrative description of the waste is entered: *Spent halogenated solvent*. The appropriate EPA hazardous waste codes associated with the waste, *F001* for spent halogenated solvents used in degreasing and *F002* for spent halogenated solvents, are entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The appropriate Source code, *G62* for hazardous waste received from a foreign country, is entered in **Box D**. Because the Source code is not "G25," the Management Method code in **Box D** is left blank. The appropriate Form code, *W202* for concentrated halogenated (e.g., chlorinated) solvent, is entered in **Box E**. **Box F** is not checked because the waste is not mixed with radioactive materials. The quantity of the hazardous waste generated in 2001, *1,700.0*, is reported in **Box G**. In **Box H**, code *5* is entered indicating that the unit of measure for the quantity reported in Box G is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *7.55*, is recorded in **Box H**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon.

Section 2 On-site generation and management of hazardous waste. The site checks "No" because the site did not treat, dispose, or recycle the waste on site. The site skips to Section 3 as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site management method and quantity treated, disposed, or recycled on site are left blank.

Section 3 Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 2001. For **Site 1**, the EPA ID number of the facility to which the waste was shipped, *RSD839204637*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H040* for incineration - thermal destruction other than use as a fuel, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *1,700.0*. For **Sites 2 and 3, Boxes B through D** are left blank.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: TSD Handler, Inc.

EPA ID NO: X Y W 9 8 7 6 5 4 3 2 1

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1

A. Waste description (page 22)

Spent halogenated solvent.

B. EPA hazardous waste code (page 22): F 0 0 1 F 0 0 2 / N A / N A / N A

C. State hazardous waste code (page 22)

D. Source code (page 23): G 6 2

Management Method code for Source code G25: H

E. Form code (page 23): W 2 0 2

F. RCRA radioactive mixed? (page 23): ☐ Yes

G. Quantity generated in 2001 (page 23): 1 7 0 0 . 0

H. UOM (page 23): 5

Density: 7 . 5 5

☒ lbs/gal ☐ sg

Sec. 2

Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24): H

Quantity treated, disposed, or recycled on site in 2001 (page 25):

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24): H

Quantity treated, disposed, or recycled on site in 2001 (page 25):

Sec. 3

A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)

☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	R S D 8 3 9 2 0 4 6 3 7	H 0 4 0	1 7 0 0 . 0
Site 2		H	
Site 3		H	

Comments:

Over ➔

Form GM, page 8 of 9: Ignitable spent solvent received from off site, fuel blended at this site, and shipped off site for energy recovery.

Before copying, or entering information on, this form, the site enters its name (*TSD Handler, Inc.*) and EPA ID number (*XYW987654321*) in the top left-hand corner of the form.

Section 1 Waste characteristics. In **Box A**, a narrative description of the waste is entered: *Fuel blended ignitable spent solvent*. The appropriate EPA hazardous waste codes associated with the waste, *D001* for ignitable waste and *F003* for spent non-halogenated solvents, are entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The appropriate Source code, *G25* for hazardous waste management, is entered in **Box D**. Because the Source code is "G25," the Management Method code, *H061* for fuel blending prior to energy recovery at another site, is also entered in **Box D**. The appropriate Form code, *W203* for concentrated non-halogenated solvent, is entered in **Box E**. **Box F** is not checked because the waste is not mixed with radioactive materials. The quantity of the hazardous waste generated in 2001, *3,900.0*, is reported in **Box G**. In **Box H**, code *5* is entered indicating that the unit of measure for the quantity reported in Box G is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *7.50*, is recorded in **Box H**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon.

Section 2 On-site generation and management of hazardous waste. The site checks "No" because the site did not treat, dispose, or recycle the waste on site. The site skips to Section 3 as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site management method and quantity treated, disposed, or recycled on site are left blank.

Section 3 Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 2001. For **Site 1**, the EPA ID number of the facility to which the waste was shipped, *RSD839204637*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H050* for energy recovery at this site, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *3,900.0*. For **Sites 2 and 3, Boxes B through D** are left blank.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: TSD Handler, Inc.

EPA ID NO: X Y W 9 8 7 6 5 4 3 2 1

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1

A. Waste description (page 22)

Fuel blended ignitable spent solvent.

B. EPA hazardous waste code (page 22): D 0 0 1 | F 0 0 3 | N A | N A | N A

C. State hazardous waste code (page 22)

D. Source code (page 23): G 2 5

Management Method code for Source code G25: H 0 6 1

E. Form code (page 23): W 2 0 3

F. RCRA radioactive mixed? (page 23): ☐ Yes

G. Quantity generated in 2001 (page 23): 3 9 0 0 . 0

H. UOM (page 23): 5

Density: 7 . 5 0

☒ lbs/gal ☐ sg

Sec. 2

Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24): H

Quantity treated, disposed, or recycled on site in 2001 (page 25):

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24): H

Quantity treated, disposed, or recycled on site in 2001 (page 25):

Sec. 3

A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)

☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	R S D 8 3 9 2 0 4 6 3 7	H 0 5 0	3 9 0 0 . 0
Site 2		H	
Site 3		H	

Comments:

Over ➔

Form GM, page 9 of 9: Halogenated solvent received from off site, bulked, and shipped off site for incineration.

Before copying, or entering information on, this form, the site enters its name (*TSD Handler, Inc.*) and EPA ID number (*XYW987654321*) in the top left-hand corner of the form.

Section 1 Waste characteristics. In **Box A**, a narrative description of the waste is entered: *Halogenated solvent*. The appropriate EPA hazardous waste codes associated with the waste, *F001* for spent halogenated solvents used in degreasing and *F002* for spent halogenated solvents, are entered in **Box B**; *NA* is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The appropriate Source code, *G61* for hazardous waste received from off site for storage/bulking and transfer off site for treatment and disposal, is entered in **Box D**. Because the Source code is not "G25," the Management Method code in **Box D** is left blank. The appropriate Form code, *W202* for concentrated halogenated (e.g., chlorinated) solvent, is entered in **Box E**. **Box F** is not checked because the waste is not mixed with radioactive materials. The quantity of the hazardous waste generated in 2001, *1,900.0*, is reported in **Box G**. In **Box H**, code *5* is entered indicating that the unit of measure for the quantity reported in Box G is "gallons." Because "gallons" is a volumetric measure, the density of the waste, *9.50*, is recorded in **Box H**, and "lbs/gal" is checked to indicate that the density is reported in pounds per gallon.

Section 2 On-site generation and management of hazardous waste. The site checks "No" because the site did not treat, dispose, or recycle the waste on site. The site skips to Section 3 as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site management method and quantity treated, disposed, or recycled on site are left blank.

Section 3 Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 2001. For **Site 1**, the EPA ID number of the facility to which the waste was shipped, *RSD839204637*, is recorded in **Box B**. The off-site management method in which the waste was managed, *H040* for incineration - thermal destruction other than use as a fuel, is reported in **Box C**. The total quantity shipped in 2001 is entered in **Box D**, using the same unit of measure as reported in **Section 2, Box B**, *1,900.0*. For **Sites 2 and 3, Boxes B through D** are left blank.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: TSD Handler, Inc.

EPA ID NO: X Y W 9 8 7 6 5 4 3 2 1

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1

A. Waste description (page 22)

Halogenated solvent.

B. EPA hazardous waste code (page 22): F 0 0 1, F 0 0 2, N/A, N/A, N/A

C. State hazardous waste code (page 22):

D. Source code (page 23): G 6 1

Management Method code for Source code G25: H

E. Form code (page 23): W 2 0 2

F. RCRA radioactive mixed? (page 23): ☐ Yes

G. Quantity generated in 2001 (page 23): 1 9 0 0 . 0

H. UOM (page 23): 5

Density: 9 . 5 0

☒ lbs/gal ☐ sg

Sec. 2

Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)

☒ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24): H

Quantity treated, disposed, or recycled on site in 2001 (page 25):

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24): H

Quantity treated, disposed, or recycled on site in 2001 (page 25):

Sec. 3

A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)

☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	R S D 8 3 9 2 0 4 6 3 7	H 0 4 0	1 9 0 0 . 0
Site 2		H	
Site 3		H	

Comments:

Over ➔

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2001 HAZARDOUS WASTE REPORT FORMS

READ ALL INSTRUCTIONS BEFORE COMPLETING THE FORMS

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MAIL THE COMPLETED FORM **TO:** The Appropriate EPA Regional or State Office.	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM**	

1. Reason for Submittal (see instructions on page 10) CHECK CORRECT BOX(ES)	**Reason for Submittal:** ❑ To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities). ❑ To provide subsequent notification (to update site identification information). ❑ As a component of a First RCRA Hazardous Waste Part A Permit Application. ❑ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____). ❑ As a component of the Hazardous Waste Report.		
2. Site EPA ID Number (see instructions on page 11)	**EPA ID Number:** |_|_|_| |_|_|_| |_|_|_| |_|_|_|		
3. Site Name (see instructions on page 11)	**Name:**		
4. Site Location Information (see instructions on page 11)	**Street Address:**		
	City, Town, or Village:		**State:**
	County Name:		**Zip Code:**
5. Site Land Type (see instructions on page 11)	**Site Land Type:** ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		
6. North American Industry Classification System (NAICS) Code(s) for the Site (see instructions on page 11)	**A.**	**B.**	
	C.	**D.**	
7. Site Mailing Address (see instructions on page 12)	**Street or P. O. Box:**		
	City, Town, or Village:		
	State:		
	Country:		**Zip Code:**
8. Site Contact Person (see instructions on page 12)	**First Name:**	**MI:**	**Last Name:**
	Phone Number:		**Phone Number Extension:**
9. Legal Owner and Operator of the Site (see instructions on pages 12 and 13)	**A. Name of Site's Legal Owner:**		**Date Became Owner (mm/dd/yyyy):**
	Owner Type: ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		
	B. Name of Site's Operator:		**Date Became Operator (mm/dd/yyyy):**
	Operator Type: ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		

Same as Page 1 of EPA Form 8700-12
Same as Page 1 of EPA Form 8700-23

EPA ID No. | | | | | | | | | | | | | |

10. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. See instructions on pages 13, 14, 15, and 16)

A. Hazardous Waste Activities

1. Generator of Hazardous Waste
(choose only one of the following three categories)

- ❑ a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or
- ❑ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or
- ❑ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities (check all that apply)

- ❑ d. United States Importer of Hazardous Waste
- ❑ e. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 6, check all that apply:

- ❑ **2. Transporter of Hazardous Waste**
- ❑ **3. Treater, Storer, or Disposer of Hazardous Waste (at your site)** Note: A hazardous waste permit is required for this activity.
- ❑ **4. Recycler of Hazardous Waste (at your site)** Note: A hazardous waste permit may be required for this activity.
- **5. Exempt Boiler and/or Industrial Furnace**
  - ❑ a. Small Quantity On-site Burner Exemption
  - ❑ b. Smelting, Melting, Refining Furnace Exemption
- ❑ **6. Underground Injection Control**

B. Universal Waste Activities

1. Large Quantity Handler of Universal Waste [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (check all boxes that apply):

	Generated	Accumulated
a. Batteries	❑	❑
b. Pesticides	❑	❑
c. Thermostats	❑	❑
d. Lamps	❑	❑
e. Other (specify) _____	❑	❑
f. Other (specify) _____	❑	❑
g. Other (specify) _____	❑	❑

❑ **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities

1. Used Oil Transporter - Indicate Type(s) of Activity(ies)
- ❑ a. Transporter
- ❑ b. Transfer Facility

2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies)
- ❑ a. Processor
- ❑ b. Re-refiner

❑ **3. Off-Specification Used Oil Burner**

4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)
- ❑ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- ❑ b. Marketer Who First Claims the Used Oil Meets the Specifications

11. Description of Hazardous Wastes (see instructions on pages 16 and 17)

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

Same as Page 2 of EPA Form 8700-12
Same as Page 2 of EPA Form 8700-23

EPA ID No.													

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

12. Comments (see instructions on page 17)

13. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. **(see instructions on page 17)**

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)

Same as Page 3 of EPA Form 8700-12
Same as Page 3 of EPA Form 8700-23

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BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

EPA ID NO: |_|_|_| |_|_|_| |_|_|_| |_|_|_|

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1 A. Waste description (page 22)

B. EPA hazardous waste code (page 22) |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|

C. State hazardous waste code (page 22) |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Source code |G|_|_|_| (page 23) Management Method code for Source code G25 |H|_|_|_|

E. Form code (page 23) |W|_|_|_|

F. RCRA radioactive mixed (page 23) ☐ Yes

G. Quantity generated in 2001 (page 23) |_|_|_|_|_|_|_|_|_|_|.|_|

H. UOM |_| (page 23)

Density (page 24) |_|_|.|_|_|

☐ lbs/gal ☐ sg

Sec. 2 Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☐ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24) |H|_|_|_|

Quantity treated, disposed, or recycled on site in 2001 (page 25) |_|_|_|_|_|_|_|_|_|_|.|_|

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24) |H|_|_|_|

Quantity treated, disposed, or recycled on site in 2001 (page 25) |_|_|_|_|_|_|_|_|_|_|.|_|

Sec. 3 A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)
☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	|H|_|_|_|	|_|_|_|_|_|_|_|_|_|_|.|_|
Site 2	|H|_|_|_|	|_|_|_|_|_|_|_|_|_|_|.|_|
Site 3	|H|_|_|_|	|_|_|_|_|_|_|_|_|_|_|.|_|

Comments:

Over ➔

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BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: _____

EPA ID NO: |_|_|_| |_|_|_| |_|_|_| |_|_|_|

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM WR

WASTE RECEIVED FROM OFF SITE

Instructions: Please see the detailed instructions beginning on page 27 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Waste 1	A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28) | |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|	C. State hazardous waste code (page 28) |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Off-site handler EPA ID number (page 28)	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density (page 29)
|_|_|_| |_|_|_| |_|_|_| |_|_|_|	|_|_|_|_|_|_|_|_|_|_|_|.|_|	|_| |_|_|.|_|_| ☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
|W|_|_|_|	☐ Yes	|H|_|_|_|

Waste 2	A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28) | |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|	C. State hazardous waste code (page 28) |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Off-site handler EPA ID number (page 28) ☐ Check if same as in Waste 1	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density (page 29)
|_|_|_| |_|_|_| |_|_|_| |_|_|_|	|_|_|_|_|_|_|_|_|_|_|_|.|_|	|_| |_|_|.|_|_| ☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
|W|_|_|_|	☐ Yes	|H|_|_|_|

Waste 3	A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28) | |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|	C. State hazardous waste code (page 28) |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Off-site handler EPA ID number (page 28) ☐ Check if same as in Waste 2	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density (page 29)
|_|_|_| |_|_|_| |_|_|_| |_|_|_|	|_|_|_|_|_|_|_|_|_|_|_|.|_|	|_| |_|_|.|_|_| ☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
|W|_|_|_|	☐ Yes	|H|_|_|_|

Comments:

Over ➔

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BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: _____

EPA ID NO: |_|_|_| |_|_|_| |_|_|_| |_|_|_|

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM OI

OFF-SITE IDENTIFICATION

Instructions: Please read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Site 2

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Site 3

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Site 4

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Site 5

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Comments:

Over ➔

INSTRUCTIONS FOR FILLING OUT
FORM OI – OFF-SITE IDENTIFICATION

WHO MUST SUBMIT THIS FORM

Sites required to file the 2001 Hazardous Waste Report must submit Form OI if:

- Form OI is required by your State; **AND**
- The site received hazardous waste from off site or sent hazardous waste off site during 2001.

PURPOSE OF THIS FORM

Form OI documents the names and addresses of off-site installations and transporters.

HOW TO FILL OUT THIS FORM

Form OI is divided into five identical parts. You must fill out one part for each off-site installation to which you shipped hazardous waste, each off-site installation from which you received hazardous waste, and each transporter you used to ship hazardous waste during 2001. If these off-site installations and transporters total more than five, you must photocopy and complete additional copies of the form. Prior to photocopying, place the pre-printed site identification label in the top left-hand corner of the form or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number in this space.

Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the site number and box letter to which the comment refers.

ITEM-BY-ITEM INSTRUCTIONS

Complete Boxes A through D for each off-site installation to which you shipped hazardous waste and each off-site installation from which you received hazardous waste during 2001. Complete Boxes A through C for each transporter you used during the year (address in Box D is not required for transporters).

Box A: EPA ID No. of off-site installation or transporter
Enter the 12-digit EPA ID number of the off-site installation to which you shipped hazardous waste or from which you received hazardous waste. Or, enter the EPA ID number of the transporter who shipped hazardous waste to or from your site. Each EPA ID Number should appear only once. If the off-site installation or transporter did not have an EPA ID number during 2001, enter "NA" in Box A and note the reason in the Comments section.

Box B: Name of off-site installation or transporter
Enter the name of the off-site installation or transporter reported in Box A.

Box C: Handler type
Check all boxes that apply to the handler type (i.e., generator, transporter, or treatment, storage, or disposal (TSD) facility) of the off-site installation or transporter reported in Box A.

Box D: Address of off-site installation
Enter the address of the off-site installation reported in Box A. If the EPA ID number reported in Box A refers to a transporter, enter "NA" in Box D.